

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035780.D
 Acq On : 22 May 2023 13:29
 Operator : JC/MD
 Sample : VX0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 06:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	197104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	354427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185062	53.820	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.640%			
35) Dibromofluoromethane	5.385	113	125223	52.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.647	98	445586	50.462	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	181885	51.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	49950	19.445	ug/l	99
3) Chloromethane	1.295	50	53569	17.184	ug/l	99
4) Vinyl Chloride	1.374	62	48584	18.364	ug/l	98
5) Bromomethane	1.618	94	29721	20.743	ug/l	95
6) Chloroethane	1.691	64	28470	17.739	ug/l	97
7) Trichlorofluoromethane	1.886	101	72177	18.555	ug/l	96
8) Diethyl Ether	2.136	74	29103	19.431	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	42357	18.340	ug/l	98
10) Methyl Iodide	2.453	142	46930	22.720	ug/l	90
11) Tert butyl alcohol	3.026	59	58711	96.779	ug/l	# 87
12) 1,1-Dichloroethene	2.319	96	39792	18.128	ug/l	96
13) Acrolein	2.240	56	67390	93.594	ug/l	98
14) Allyl chloride	2.666	41	88304	18.778	ug/l	93
15) Acrylonitrile	3.069	53	145891	109.211	ug/l	99
16) Acetone	2.404	43	132343	89.549	ug/l	99
17) Carbon Disulfide	2.514	76	88930	16.787	ug/l	100
18) Methyl Acetate	2.709	43	124902	22.916	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	181596	20.790	ug/l	99
20) Methylene Chloride	2.788	84	55936	20.884	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47351	19.687	ug/l	98
22) Diisopropyl ether	3.758	45	192921	20.953	ug/l	99
23) Vinyl Acetate	3.721	43	686198	105.331	ug/l	96
24) 1,1-Dichloroethane	3.611	63	101032	20.518	ug/l	98
25) 2-Butanone	4.568	43	214632	104.911	ug/l	100
26) 2,2-Dichloropropane	4.471	77	78648	18.861	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	58162	20.116	ug/l	95
28) Bromochloromethane	4.898	49	52217	23.576	ug/l	94
29) Tetrahydrofuran	5.013	42	135149	105.102	ug/l	98
30) Chloroform	5.093	83	102887	20.390	ug/l	99
31) Cyclohexane	5.471	56	81472	18.754	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	84385	19.221	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71950	19.070	ug/l	97
37) Ethyl Acetate	4.715	43	83414	21.197	ug/l	99
38) Carbon Tetrachloride	5.678	117	66922	18.725	ug/l	97
39) Methylcyclohexane	7.379	83	81364	18.320	ug/l	90
40) Benzene	6.038	78	209372	19.837	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48752	20.865	ug/l	97
42) 1,2-Dichloroethane	6.086	62	94937	20.910	ug/l	97
43) Isopropyl Acetate	6.336	43	141982	20.690	ug/l	98
44) Trichloroethene	7.123	130	50616	18.913	ug/l	88
45) 1,2-Dichloropropane	7.428	63	56773	20.310	ug/l	98
46) Dibromomethane	7.580	93	40223	21.021	ug/l	93
47) Bromodichloromethane	7.818	83	73294	19.818	ug/l	98
48) Methyl methacrylate	7.690	41	69803	20.612	ug/l	95
49) 1,4-Dioxane	7.739	88	26060	359.694	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	436960	110.529	ug/l	97
52) Toluene	8.714	92	131729	19.771	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	79372	19.753	ug/l	97
54) cis-1,3-Dichloropropene	8.367	75	86228	20.029	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	55505	21.211	ug/l	99
56) Ethyl methacrylate	9.116	69	88601	20.908	ug/l	96
57) 1,3-Dichloropropane	9.305	76	98383	20.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	217032	100.673	ug/l	99
59) 2-Hexanone	9.427	43	323163	108.544	ug/l	96
60) Dibromochloromethane	9.519	129	50291	20.161	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55967	20.299	ug/l	98
64) Tetrachloroethene	9.275	164	41480	19.117	ug/l	94
65) Chlorobenzene	10.080	112	138859	19.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48738	19.592	ug/l	99
67) Ethyl Benzene	10.195	91	259485	19.611	ug/l	96
68) m/p-Xylenes	10.299	106	190841	39.020	ug/l	93
69) o-Xylene	10.640	106	94958	19.566	ug/l	94
70) Styrene	10.653	104	155401	19.868	ug/l	97
71) Bromoform	10.799	173	30345	18.540	ug/l #	99
73) Isopropylbenzene	10.964	105	249664	19.545	ug/l	98
74) N-amyl acetate	10.842	43	115957	19.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	84100	20.296	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72654m	19.594	ug/l	
77) Bromobenzene	11.195	156	56509	19.490	ug/l	91
78) n-propylbenzene	11.305	91	295839	19.702	ug/l	98
79) 2-Chlorotoluene	11.360	91	182142	19.374	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	212688	19.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20682	17.976	ug/l #	80
82) 4-Chlorotoluene	11.451	91	213150	19.687	ug/l	97
83) tert-Butylbenzene	11.713	119	200500	18.999	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	212491	19.492	ug/l	98
85) sec-Butylbenzene	11.890	105	254128	19.179	ug/l	98
86) p-Isopropyltoluene	12.006	119	211768	19.440	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	105673	19.186	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	106612	19.169	ug/l	97
89) n-Butylbenzene	12.329	91	188754	19.048	ug/l	98
90) Hexachloroethane	12.536	117	30670	18.576	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	105751	19.607	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17579	19.051	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	60503	18.630	ug/l	98
94) Hexachlorobutadiene	13.725	225	22973	17.822	ug/l	96
95) Naphthalene	13.774	128	217184	19.529	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	60108	18.819	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Abundance

TIC: VX035780.D\data.ms

Time-->

1200000

1150000

1100000

1050000

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

0.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloroethane, T

Chlorobenzene, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acetone, T

1,1,2,2-Tetrachloroethane, T

Methyl isopropyl sulfide, T

Methyl acetate, T

Methyl propyl sulfide, T

Tert butyl alcohol, T

Acetyl chloride, T

1,1-Dichloroethane, P

Diisopropyl ether, T

Vinyl Acetate, T

2-Butanol, T

2,2-Dichloropropane, T

Ethyl Acetate, T

Methyl propyl sulfide, T

Chloroform, T

Cyclohexane, T

Dibromodichloromethane, T

Pentadecane, T

1,2-Dichloroethane, T

1,2-Dichloroethane-d4, S

Isopropyl Acetate, T

1,4-Difluorobenzene, I

Trichloroethene, TM

1,2-Dichloropropane, T

1,3-Dichloropropane, T

Dibromodichloromethane, T

1,4-Dioxane, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanol, S

Toluene, CM

2-Hexanone, T

2-Chlorobenzene, CM

1,1,1,2-Tetrachloroethane, T

Ethyl Benzene, C

Chlorobenzene-d5, I

m/p-Xylenes, T

Styrene, T

N-ethyl acetate, T

trans-1,2-Dichloro-2-butene, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

2-Chlorotoluene, T

2,4-Dimethylbenzene, T

tert-Butylbenzene, T

1,2-Dichlorobenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene-d4, I

1,2-Dichlorobenzene, T

Hexachloroethane, T

1,2-Dibromo-3-Chloropropane, T

Hexachlorobutadiene, T

1,2,4-Trichlorobenzene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T