

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035739.D
 Acq On : 18 May 2023 13:48
 Operator : JC/MD
 Sample : VX0518MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Quant Time: May 19 05:46:31 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	205060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183007	51.157	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.385	113	123092	49.967	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.647	98	453938	49.880	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	184373	50.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	56223	21.038	ug/l	99
3) Chloromethane	1.294	50	56445	17.404	ug/l	99
4) Vinyl Chloride	1.374	62	54577	19.829	ug/l	99
5) Bromomethane	1.618	94	32695	21.933	ug/l	92
6) Chloroethane	1.691	64	32563	19.502	ug/l	99
7) Trichlorofluoromethane	1.886	101	79591	19.667	ug/l	98
8) Diethyl Ether	2.130	74	30567	19.617	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	46820	19.486	ug/l	95
10) Methyl Iodide	2.453	142	46386	21.585	ug/l	90
11) Tert butyl alcohol	3.020	59	58344	92.442	ug/l	96
12) 1,1-Dichloroethene	2.319	96	43908	19.228	ug/l	89
13) Acrolein	2.239	56	67549	90.175	ug/l	98
14) Allyl chloride	2.666	41	87912	17.970	ug/l	94
15) Acrylonitrile	3.068	53	140145	100.839	ug/l	97
16) Acetone	2.398	43	147041	95.634	ug/l	95
17) Carbon Disulfide	2.514	76	88408	16.041	ug/l	100
18) Methyl Acetate	2.709	43	118800	20.951	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	172655	19.000	ug/l	95
20) Methylene Chloride	2.788	84	52920	18.991	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	47128	18.834	ug/l	96
22) Diisopropyl ether	3.757	45	182173	19.018	ug/l	99
23) Vinyl Acetate	3.721	43	642101	94.739	ug/l	97
24) 1,1-Dichloroethane	3.611	63	98041	19.138	ug/l	97
25) 2-Butanone	4.562	43	212338	99.763	ug/l	97
26) 2,2-Dichloropropane	4.477	77	76610	17.659	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	56673	18.840	ug/l	93
28) Bromochloromethane	4.897	49	48544	21.067	ug/l	94
29) Tetrahydrofuran	5.013	42	133796	100.013	ug/l	99
30) Chloroform	5.093	83	100688	19.180	ug/l	96
31) Cyclohexane	5.471	56	88238	19.523	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	85947	18.817	ug/l	99
36) 1,1-Dichloropropene	5.690	75	75421	19.396	ug/l	96
37) Ethyl Acetate	4.715	43	81140	20.006	ug/l	100
38) Carbon Tetrachloride	5.678	117	66168	17.963	ug/l	98
39) Methylcyclohexane	7.379	83	86887	18.982	ug/l	93
40) Benzene	6.037	78	208363	19.155	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45952	19.082	ug/l	98
42) 1,2-Dichloroethane	6.086	62	89708	19.171	ug/l	98
43) Isopropyl Acetate	6.342	43	132209	18.694	ug/l	99
44) Trichloroethene	7.123	130	51150	18.544	ug/l	90
45) 1,2-Dichloropropane	7.434	63	55620	19.306	ug/l	95
46) Dibromomethane	7.580	93	37495	19.013	ug/l	93
47) Bromodichloromethane	7.824	83	66155	17.356	ug/l	97
48) Methyl methacrylate	7.696	41	67306	19.284	ug/l	96
49) 1,4-Dioxane	7.720	88	27076	362.692	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	417452	102.456	ug/l	97
52) Toluene	8.720	92	129687	18.887	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	72880	17.599	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	80088	18.050	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	52147	19.335	ug/l	98
56) Ethyl methacrylate	9.116	69	82548	18.900	ug/l	96
57) 1,3-Dichloropropane	9.311	76	93794	19.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	226459	101.924	ug/l	98
59) 2-Hexanone	9.433	43	316225	103.057	ug/l	97
60) Dibromochloromethane	9.519	129	43455	16.903	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53160	18.708	ug/l	98
64) Tetrachloroethene	9.275	164	41117	19.089	ug/l	93
65) Chlorobenzene	10.079	112	135663	19.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45988	18.623	ug/l	97
67) Ethyl Benzene	10.195	91	253763	19.320	ug/l	98
68) m/p-Xylenes	10.299	106	190513	39.240	ug/l	95
69) o-Xylene	10.640	106	93454	19.398	ug/l	94
70) Styrene	10.652	104	153086	19.716	ug/l	98
71) Bromoform	10.799	173	25843	15.905	ug/l #	96
73) Isopropylbenzene	10.963	105	252956	19.823	ug/l	98
74) N-amyl acetate	10.841	43	109400	18.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79424	19.187	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77284m	20.864	ug/l	
77) Bromobenzene	11.195	156	54907	18.958	ug/l	92
78) n-propylbenzene	11.305	91	296245	19.749	ug/l	97
79) 2-Chlorotoluene	11.366	91	181231	19.297	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	211468	19.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17552	15.272	ug/l #	77
82) 4-Chlorotoluene	11.451	91	206900	19.130	ug/l	98
83) tert-Butylbenzene	11.713	119	201961	19.157	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	209889	19.274	ug/l	98
85) sec-Butylbenzene	11.890	105	256812	19.402	ug/l	98
86) p-Isopropyltoluene	12.006	119	211601	19.445	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102748	18.674	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	105114	18.919	ug/l	97
89) n-Butylbenzene	12.329	91	189212	19.114	ug/l	98
90) Hexachloroethane	12.542	117	28185	17.088	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	102816	19.083	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16443	17.838	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	61330	18.905	ug/l	97
94) Hexachlorobutadiene	13.725	225	24306	18.876	ug/l	98
95) Naphthalene	13.774	128	216709	19.506	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59761	18.730	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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