

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040332.D
 Acq On : 19 Feb 2024 15:49
 Operator : JC/MD
 Sample : VX0219MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 01:16:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	90677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74278	55.061	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.120%			
35) Dibromofluoromethane	5.385	113	55563	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.647	98	201215	48.889	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	79725	47.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21028	20.530	ug/l	97
3) Chloromethane	1.294	50	21410	20.270	ug/l	99
4) Vinyl Chloride	1.374	62	21580	19.334	ug/l	97
5) Bromomethane	1.605	94	14857	23.587	ug/l	99
6) Chloroethane	1.685	64	13066	18.561	ug/l	97
7) Trichlorofluoromethane	1.886	101	34127	19.039	ug/l	97
8) Diethyl Ether	2.130	74	13104	19.461	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	19600	20.384	ug/l	96
10) Methyl Iodide	2.453	142	22022	20.630	ug/l	92
11) Tert butyl alcohol	2.953	59	21682	82.514	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	18674	20.171	ug/l	92
13) Acrolein	2.233	56	20255	83.514	ug/l	99
14) Allyl chloride	2.666	41	34209	21.293	ug/l	95
15) Acrylonitrile	3.062	53	65381	111.205	ug/l	99
16) Acetone	2.373	43	67329	121.522	ug/l	97
17) Carbon Disulfide	2.514	76	40361	16.514	ug/l	97
18) Methyl Acetate	2.703	43	30205	20.337	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70912	21.742	ug/l	99
20) Methylene Chloride	2.788	84	24688	22.905	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20031	18.998	ug/l	96
22) Diisopropyl ether	3.757	45	74886	22.983	ug/l	98
23) Vinyl Acetate	3.721	43	324580	111.747	ug/l	98
24) 1,1-Dichloroethane	3.611	63	41660	21.950	ug/l	99
25) 2-Butanone	4.550	43	95098	109.806	ug/l	97
26) 2,2-Dichloropropane	4.477	77	30267	20.716	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24389	20.277	ug/l	99
28) Bromochloromethane	4.897	49	20421	25.342	ug/l	98
29) Tetrahydrofuran	5.001	42	59852	106.078	ug/l	99
30) Chloroform	5.092	83	43578	21.237	ug/l	99
31) Cyclohexane	5.470	56	31732	19.721	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	35053	20.305	ug/l	97
36) 1,1-Dichloropropene	5.696	75	30139	19.554	ug/l	100
37) Ethyl Acetate	4.715	43	33969	19.807	ug/l	98
38) Carbon Tetrachloride	5.678	117	26437	18.040	ug/l	95
39) Methylcyclohexane	7.379	83	32609	18.205	ug/l	93
40) Benzene	6.037	78	86537	20.077	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19801	21.779	ug/l #	94
42) 1,2-Dichloroethane	6.086	62	34696	20.595	ug/l	98
43) Isopropyl Acetate	6.336	43	55547	20.748	ug/l	99
44) Trichloroethene	7.123	130	22714	19.105	ug/l	91
45) 1,2-Dichloropropane	7.427	63	23872	21.279	ug/l	97
46) Dibromomethane	7.580	93	16927	20.487	ug/l	99
47) Bromodichloromethane	7.824	83	31468	19.766	ug/l	98
48) Methyl methacrylate	7.690	41	27745	20.254	ug/l	93
49) 1,4-Dioxane	7.659	88	9821	329.552	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	191043	104.519	ug/l	99
52) Toluene	8.720	92	56849	20.136	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	31810	17.933	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35096	19.670	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23326	19.372	ug/l	95
56) Ethyl methacrylate	9.116	69	36102	20.027	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39976	20.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	87010	102.034	ug/l	95
59) 2-Hexanone	9.427	43	150401	103.782	ug/l	99
60) Dibromochloromethane	9.519	129	22681	18.488	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24054	18.793	ug/l	100
64) Tetrachloroethene	9.275	164	19874	19.534	ug/l	97
65) Chlorobenzene	10.079	112	59083	19.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19673	18.747	ug/l	96
67) Ethyl Benzene	10.195	91	109893	20.364	ug/l	99
68) m/p-Xylenes	10.299	106	80820	39.655	ug/l	95
69) o-Xylene	10.640	106	39316	19.851	ug/l	94
70) Styrene	10.652	104	66472	20.187	ug/l	99
71) Bromoform	10.799	173	14913	16.500	ug/l #	97
73) Isopropylbenzene	10.963	105	105938	19.868	ug/l	99
74) N-amyl acetate	10.841	43	48127	21.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	38072	19.874	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32561m	21.240	ug/l	
77) Bromobenzene	11.195	156	25332	20.115	ug/l	97
78) n-propylbenzene	11.305	91	132466	20.520	ug/l	97
79) 2-Chlorotoluene	11.366	91	77538	19.891	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	89585	19.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8637	18.248	ug/l	94
82) 4-Chlorotoluene	11.451	91	91210	19.748	ug/l	99
83) tert-Butylbenzene	11.713	119	85170	19.353	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89672	19.745	ug/l	100
85) sec-Butylbenzene	11.890	105	113565	20.079	ug/l	98
86) p-Isopropyltoluene	12.006	119	92064	19.857	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47528	19.047	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	49399	18.696	ug/l	99
89) n-Butylbenzene	12.329	91	86870	19.411	ug/l	97
90) Hexachloroethane	12.536	117	12971	17.737	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	47541	19.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8383	18.960	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	30002	18.142	ug/l	97
94) Hexachlorobutadiene	13.725	225	11156	16.903	ug/l	98
95) Naphthalene	13.774	128	100620	19.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30083	19.084	ug/l	97

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

