

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040945.D
 Acq On : 09 Apr 2024 10:52
 Operator : JC/MD
 Sample : VX0409MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2024
 Supervised By : Mahesh Dadoda 04/10/2024

Quant Time: Apr 10 00:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	43578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	70764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39280	50.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.480%			
35) Dibromofluoromethane	5.385	113	26654	53.178	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	8.647	98	92676	51.170	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	37518	51.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	10310	17.455	ug/l	98
3) Chloromethane	1.301	50	10089	19.772	ug/l	98
4) Vinyl Chloride	1.374	62	11073	21.022	ug/l	96
5) Bromomethane	1.605	94	7671	23.672	ug/l	97
6) Chloroethane	1.685	64	6598	19.432	ug/l	97
7) Trichlorofluoromethane	1.892	101	19603	19.442	ug/l	95
8) Diethyl Ether	2.136	74	6464	19.838	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	9950	19.142	ug/l	96
10) Methyl Iodide	2.453	142	11500	18.238	ug/l	99
11) Tert butyl alcohol	2.953	59	14248	99.808	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	8988	18.436	ug/l	96
13) Acrolein	2.233	56	8530	109.465	ug/l	98
14) Allyl chloride	2.666	41	16630	19.042	ug/l	91
15) Acrylonitrile	3.063	53	31067	103.164	ug/l	99
16) Acetone	2.380	43	31737	104.533	ug/l	93
17) Carbon Disulfide	2.514	76	22926	16.255	ug/l	96
18) Methyl Acetate	2.703	43	14027	19.474	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	33474	19.506	ug/l	98
20) Methylene Chloride	2.794	84	10162	18.061	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	8915	17.313	ug/l	95
22) Diisopropyl ether	3.758	45	33374	19.636	ug/l	89
23) Vinyl Acetate	3.721	43	164509	100.988	ug/l	100
24) 1,1-Dichloroethane	3.611	63	18678	19.235	ug/l	98
25) 2-Butanone	4.550	43	46158	102.344	ug/l	99
26) 2,2-Dichloropropane	4.477	77	15511	18.606	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	10924	18.371	ug/l	93
28) Bromochloromethane	4.898	49	8839	20.245	ug/l #	97
29) Tetrahydrofuran	5.001	42	30952	105.587	ug/l	95
30) Chloroform	5.093	83	21026	19.894	ug/l	98
31) Cyclohexane	5.465	56	15089	18.185	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	17972	19.135	ug/l	98
36) 1,1-Dichloropropene	5.690	75	13421	18.845	ug/l	99
37) Ethyl Acetate	4.709	43	17934	20.507	ug/l	97
38) Carbon Tetrachloride	5.678	117	15424	19.563	ug/l	95
39) Methylcyclohexane	7.373	83	15753	18.512	ug/l	97
40) Benzene	6.038	78	38930	19.695	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9214	20.516	ug/l	92
42) 1,2-Dichloroethane	6.092	62	17946	20.904	ug/l	97
43) Isopropyl Acetate	6.336	43	28417	21.041	ug/l	96
44) Trichloroethene	7.129	130	10023	20.303	ug/l	99
45) 1,2-Dichloropropane	7.428	63	9561	20.262	ug/l	99
46) Dibromomethane	7.580	93	7941	20.532	ug/l	99
47) Bromodichloromethane	7.818	83	16443	20.434	ug/l	93
48) Methyl methacrylate	7.690	41	14413	21.793	ug/l	93
49) 1,4-Dioxane	7.659	88	5710	452.442	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	96428	107.640	ug/l	95
52) Toluene	8.720	92	25011	20.053	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	16042	20.037	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	15774	19.769	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	10114	20.779	ug/l	95
56) Ethyl methacrylate	9.116	69	17242	20.629	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	17384	20.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	42457	104.785	ug/l	94
59) 2-Hexanone	9.427	43	76312	106.216	ug/l	94
60) Dibromochloromethane	9.519	129	11583	19.934	ug/l	97
61) 1,2-Dibromoethane	9.610	107	10889	20.736	ug/l	98
64) Tetrachloroethene	9.275	164	8831	19.866	ug/l	92
65) Chlorobenzene	10.080	112	27755	18.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	9721	19.935	ug/l	100
67) Ethyl Benzene	10.195	91	51053	19.486	ug/l	96
68) m/p-Xylenes	10.299	106	36441	38.228	ug/l	89
69) o-Xylene	10.640	106	17611	19.610	ug/l	91
70) Styrene	10.653	104	30878	19.842	ug/l	96
71) Bromoform	10.799	173	7860	19.045	ug/l #	97
73) Isopropylbenzene	10.964	105	48951	19.432	ug/l	97
74) N-amyl acetate	10.842	43	24492	19.195	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	17243	20.018	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	14519m	18.877	ug/l	
77) Bromobenzene	11.195	156	11127	18.829	ug/l	94
78) n-propylbenzene	11.305	91	59687	18.958	ug/l	98
79) 2-Chlorotoluene	11.366	91	36007	19.164	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	41767	19.412	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	5103	17.901	ug/l	91
82) 4-Chlorotoluene	11.451	91	43363	19.331	ug/l	97
83) tert-Butylbenzene	11.713	119	40237	18.851	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	42281	19.507	ug/l	100
85) sec-Butylbenzene	11.890	105	51243	18.903	ug/l	99
86) p-Isopropyltoluene	12.006	119	43789	19.259	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22844	19.124	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	23651	18.660	ug/l	98
89) n-Butylbenzene	12.329	91	42642	18.984	ug/l	96
90) Hexachloroethane	12.536	117	7288	18.400	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	21498	18.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4521	20.426	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	14937	18.406	ug/l	96
94) Hexachlorobutadiene	13.725	225	5624	18.090	ug/l	99
95) Naphthalene	13.774	128	50249	19.230	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14622	18.886	ug/l	97

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

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