

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032324.D
 Acq On : 22 Oct 2022 06:20
 Operator : JC/MD
 Sample : N5248-25MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-16-20221019MS

Quant Time: Oct 22 07:01:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87749	65.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 130.140%#			
35) Dibromofluoromethane	5.385	113	67833	55.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.060%			
50) Toluene-d8	8.653	98	211415	47.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.300%			
62) 4-Bromofluorobenzene	11.079	95	84146	51.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40648	42.861	ug/l	100
3) Chloromethane	1.294	50	50435	55.112	ug/l	97
4) Vinyl Chloride	1.374	62	51719	50.635	ug/l	98
5) Bromomethane	1.618	94	49424	46.215	ug/l	96
6) Chloroethane	1.691	64	45120	50.364	ug/l	99
7) Trichlorofluoromethane	1.886	101	89166	49.106	ug/l	100
8) Diethyl Ether	2.130	74	38975	63.163	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	39281	39.902	ug/l	98
10) Methyl Iodide	2.453	142	59802	42.037	ug/l	97
11) Tert butyl alcohol	3.014	59	52816m	280.959	ug/l	
12) 1,1-Dichloroethene	2.319	96	45915	49.623	ug/l	92
13) Acrolein	2.239	56	50037	304.801	ug/l	99
14) Allyl chloride	2.666	41	87699	60.348	ug/l	98
15) Acrylonitrile	3.069	53	150160	296.894	ug/l	99
16) Acetone	2.392	43	137173	313.444	ug/l	96
17) Carbon Disulfide	2.514	76	98685	45.558	ug/l	100
18) Methyl Acetate	2.703	43	83551	56.235	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	211415	66.308	ug/l	98
20) Methylene Chloride	2.794	84	62400	55.530	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	53610	53.197	ug/l	97
22) Diisopropyl ether	3.757	45	205465	64.565	ug/l	99
23) Vinyl Acetate	3.721	43	753296	296.168	ug/l	99
24) 1,1-Dichloroethane	3.611	63	111000	60.369	ug/l	99
25) 2-Butanone	4.562	43	207517	303.714	ug/l	96
26) 2,2-Dichloropropane	4.477	77	65964	49.794	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70604	59.836	ug/l	99
28) Bromochloromethane	4.898	49	42216	55.651	ug/l	99
29) Tetrahydrofuran	5.013	42	130774	296.338	ug/l	100
30) Chloroform	5.099	83	124367	62.144	ug/l	97
31) Cyclohexane	5.471	56	58927	38.223	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	99268	58.167	ug/l	100
36) 1,1-Dichloropropene	5.690	75	68123	42.962	ug/l	99
37) Ethyl Acetate	4.715	43	79324	51.094	ug/l	99
38) Carbon Tetrachloride	5.678	117	77509	46.304	ug/l	100
39) Methylcyclohexane	7.385	83	61798	32.625	ug/l	98
40) Benzene	6.044	78	232160	50.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48249	58.937	ug/l	98
42) 1,2-Dichloroethane	6.086	62	106677	60.601	ug/l	98
43) Isopropyl Acetate	6.336	43	136821	56.150	ug/l	100
44) Trichloroethene	7.123	130	58133	45.935	ug/l	98
45) 1,2-Dichloropropane	7.434	63	63849	55.074	ug/l	96
46) Dibromomethane	7.580	93	49916	57.727	ug/l	98
47) Bromodichloromethane	7.824	83	94783	59.339	ug/l	98
48) Methyl methacrylate	7.696	41	74161	61.026	ug/l	96
49) 1,4-Dioxane	7.720	88	28647	1174.607	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	441749	289.207	ug/l	99
52) Toluene	8.720	92	143298	48.134	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	95682	53.043	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	98394	55.283	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	71163	58.843	ug/l	99
56) Ethyl methacrylate	9.116	69	104358	59.915	ug/l	99
57) 1,3-Dichloropropane	9.311	76	113044	57.707	ug/l	100
59) 2-Hexanone	9.433	43	328830	288.517	ug/l	98
60) Dibromochloromethane	9.525	129	75543	60.947	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73566	57.381	ug/l	99
64) Tetrachloroethene	9.275	164	42214	40.841	ug/l	98
65) Chlorobenzene	10.079	112	158788	49.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65000	56.605	ug/l	99
67) Ethyl Benzene	10.195	91	265889	46.796	ug/l	100
68) m/p-Xylenes	10.305	106	202601	90.292	ug/l	97
69) o-Xylene	10.640	106	104614	48.667	ug/l	97
70) Styrene	10.659	104	180496	49.793	ug/l	99
71) Bromoform	10.799	173	53378	54.585	ug/l #	100
73) Isopropylbenzene	10.963	105	252616	45.809	ug/l	100
74) N-amyl acetate	10.842	43	123216	60.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107119	60.421	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	95491m	62.359	ug/l	
77) Bromobenzene	11.201	156	72148	53.376	ug/l	96
78) n-propylbenzene	11.305	91	287297	45.499	ug/l	99
79) 2-Chlorotoluene	11.366	91	188986	49.660	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226085	47.465	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26890	54.889	ug/l	97
82) 4-Chlorotoluene	11.457	91	220713	49.815	ug/l	99
83) tert-Butylbenzene	11.713	119	224505	47.108	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231879	50.072	ug/l	98
85) sec-Butylbenzene	11.890	105	249777	43.368	ug/l	99
86) p-Isopropyltoluene	12.012	119	218111	44.507	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	129274	49.690	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	132039	49.407	ug/l	98
89) n-Butylbenzene	12.335	91	182157	42.201	ug/l	100
90) Hexachloroethane	12.536	117	35759	47.024	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	135076	52.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22258	65.714	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	80385	48.347	ug/l	97
94) Hexachlorobutadiene	13.725	225	28047	38.867	ug/l	100
95) Naphthalene	13.774	128	305036	57.282	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85281	50.995	ug/l	98

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

