

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032322.D
 Acq On : 22 Oct 2022 05:34
 Operator : JC/MD
 Sample : N5248-23MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-12R-20221018MS

Quant Time: Oct 22 06:06:10 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	5.550	168	121558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85126	53.831	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.660%			
35) Dibromofluoromethane	5.385	113	67675	49.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.440%			
50) Toluene-d8	8.653	98	241157	49.219	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.079	95	94815	52.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52822	47.498	ug/l	97
3) Chloromethane	1.294	50	50123	46.408	ug/l	96
4) Vinyl Chloride	1.374	62	56294	47.000	ug/l	99
5) Bromomethane	1.617	94	47062	37.528	ug/l	99
6) Chloroethane	1.691	64	46979	44.145	ug/l	100
7) Trichlorofluoromethane	1.886	101	112908	53.027	ug/l	100
8) Diethyl Ether	2.136	74	37126	51.309	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58250	50.461	ug/l	97
10) Methyl Iodide	2.453	142	58008	34.773	ug/l	97
11) Tert butyl alcohol	3.020	59	61504m	278.834	ug/l	
12) 1,1-Dichloroethene	2.318	96	53159	48.995	ug/l	89
13) Acrolein	2.239	56	49800	258.699	ug/l	99
14) Allyl chloride	2.666	41	87651	51.436	ug/l	98
15) Acrylonitrile	3.068	53	148382	250.189	ug/l	98
16) Acetone	2.392	43	135879	264.780	ug/l	96
17) Carbon Disulfide	2.514	76	114088	44.915	ug/l	99
18) Methyl Acetate	2.709	43	82420	47.307	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197543	52.836	ug/l	99
20) Methylene Chloride	2.794	84	61710	46.832	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	57963	49.049	ug/l	97
22) Diisopropyl ether	3.757	45	197200	52.845	ug/l	97
23) Vinyl Acetate	3.721	43	710555	238.238	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112748	52.293	ug/l	99
25) 2-Butanone	4.562	43	206201	257.361	ug/l	99
26) 2,2-Dichloropropane	4.477	77	69146	44.512	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	71754	51.859	ug/l	99
28) Bromochloromethane	4.903	49	43323	48.703	ug/l	95
29) Tetrahydrofuran	5.013	42	130829	252.820	ug/l	100
30) Chloroform	5.098	83	125341	53.410	ug/l	99
31) Cyclohexane	5.470	56	91003	50.339	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	114904	57.417	ug/l	99
36) 1,1-Dichloropropene	5.696	75	85712	48.953	ug/l	99
37) Ethyl Acetate	4.714	43	75579	44.087	ug/l	100
38) Carbon Tetrachloride	5.684	117	104925	56.767	ug/l	99
39) Methylcyclohexane	7.379	83	97442	46.587	ug/l	97
40) Benzene	6.037	78	247509	48.774	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46382	51.309	ug/l	98
42) 1,2-Dichloroethane	6.086	62	104111	53.561	ug/l	97
43) Isopropyl Acetate	6.342	43	132532	49.256	ug/l	99
44) Trichloroethene	7.123	130	80525	57.623	ug/l	98
45) 1,2-Dichloropropane	7.433	63	65335	51.037	ug/l	99
46) Dibromomethane	7.580	93	48805	51.115	ug/l	99
47) Bromodichloromethane	7.824	83	94735	53.711	ug/l	97
48) Methyl methacrylate	7.696	41	71389	53.201	ug/l	97
49) 1,4-Dioxane	7.714	88	29823	1107.410	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	436037	258.523	ug/l	99
52) Toluene	8.720	92	165364	50.303	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	94135	47.458	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99231	50.491	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67955	50.887	ug/l	97
56) Ethyl methacrylate	9.116	69	101701	52.878	ug/l	99
57) 1,3-Dichloropropane	9.311	76	110906	51.272	ug/l	100
59) 2-Hexanone	9.433	43	323972	257.425	ug/l	99
60) Dibromochloromethane	9.525	129	73250	53.519	ug/l	97
61) 1,2-Dibromoethane	9.610	107	71882	50.776	ug/l	99
64) Tetrachloroethene	9.275	164	57560	48.316	ug/l	96
65) Chlorobenzene	10.079	112	178319	48.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69381	52.421	ug/l	100
67) Ethyl Benzene	10.195	91	329426	50.303	ug/l	98
68) m/p-Xylenes	10.305	106	251547	97.264	ug/l	96
69) o-Xylene	10.640	106	124324	50.180	ug/l	98
70) Styrene	10.658	104	210517	50.387	ug/l	99
71) Bromoform	10.799	173	52036	46.498	ug/l #	99
73) Isopropylbenzene	10.963	105	335757	50.344	ug/l	100
74) N-amyl acetate	10.841	43	121183	49.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	104686	48.824	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	92635m	50.019	ug/l	
77) Bromobenzene	11.201	156	80281	49.109	ug/l	96
78) n-propylbenzene	11.305	91	391579	51.276	ug/l	99
79) 2-Chlorotoluene	11.366	91	235465	51.160	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	295194	51.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26837	45.781	ug/l	98
82) 4-Chlorotoluene	11.457	91	279119	52.089	ug/l	99
83) tert-Butylbenzene	11.719	119	291343	50.547	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290515	51.871	ug/l	99
85) sec-Butylbenzene	11.890	105	354761	50.931	ug/l	99
86) p-Isopropyltoluene	12.012	119	302801	51.090	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	153763	48.869	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	157778	48.816	ug/l	99
89) n-Butylbenzene	12.335	91	264579	50.683	ug/l	99
90) Hexachloroethane	12.542	117	48709	52.963	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154335	49.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22615	55.207	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	95682	47.583	ug/l	98
94) Hexachlorobutadiene	13.725	225	39087	44.787	ug/l	99
95) Naphthalene	13.774	128	318547	49.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94178	46.564	ug/l	99

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

