

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032304.D
 Acq On : 21 Oct 2022 21:12
 Operator : JC/MD
 Sample : N5185-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10MSD

Quant Time: Oct 22 05:16:15 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	144885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95595	50.719	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.385	113	78991	49.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.060%			
50) Toluene-d8	8.653	98	287193	49.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	118736	55.907	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58067	43.808	ug/l	98
3) Chloromethane	1.294	50	60377	46.923	ug/l	97
4) Vinyl Chloride	1.374	62	66459	46.553	ug/l	100
5) Bromomethane	1.611	94	43341	28.996	ug/l	100
6) Chloroethane	1.685	64	54452	42.823	ug/l	97
7) Trichlorofluoromethane	1.886	101	121897	48.032	ug/l	100
8) Diethyl Ether	2.130	74	44716	51.849	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	64173	46.641	ug/l	96
10) Methyl Iodide	2.453	142	56080	28.205	ug/l	98
11) Tert butyl alcohol	2.989	59	152288	606.668	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	62547	48.366	ug/l	97
13) Acrolein	2.239	56	82246	358.459	ug/l #	14
14) Allyl chloride	2.666	41	106735	52.550	ug/l	97
15) Acrylonitrile	3.068	53	222476	314.725	ug/l	91
16) Acetone	2.386	43	185313	302.969	ug/l	96
17) Carbon Disulfide	2.514	76	129082	42.636	ug/l	98
18) Methyl Acetate	2.703	43	126562	60.948	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	395175	88.679	ug/l #	1
20) Methylene Chloride	2.788	84	66419	42.290	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	69325	49.219	ug/l	94
22) Diisopropyl ether	3.763	45	243022	54.639	ug/l	89
23) Vinyl Acetate	3.721	43	919036	258.527	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130520	50.789	ug/l	100
25) 2-Butanone	4.562	43	287757	301.327	ug/l	100
26) 2,2-Dichloropropane	4.477	77	94791	51.196	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	86009	52.153	ug/l	98
28) Bromochloromethane	4.897	49	46163	43.540	ug/l	98
29) Tetrahydrofuran	5.007	42	180907	293.307	ug/l	99
30) Chloroform	5.099	83	161943	57.897	ug/l	99
31) Cyclohexane	5.477	56	434918	201.844	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	130911	54.883	ug/l	99
36) 1,1-Dichloropropene	5.696	75	102046	49.236	ug/l	98
37) Ethyl Acetate	4.715	43	104946	51.716	ug/l	98
38) Carbon Tetrachloride	5.678	117	112722	51.520	ug/l	98
39) Methylcyclohexane	7.385	83	316222	127.720	ug/l	95
40) Benzene	6.044	78	969436	161.385	ug/l	98

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41) Methacrylonitrile	4.922	41	63301	59.157	ug/l	98
42) 1,2-Dichloroethane	6.086	62	128195	55.715	ug/l	96
43) Isopropyl Acetate	6.342	43	186531	58.566	ug/l	99
44) Trichloroethene	7.129	130	81858	49.486	ug/l	100
45) 1,2-Dichloropropane	7.434	63	79431	52.418	ug/l	96
46) Dibromomethane	7.580	93	57924	51.250	ug/l	97
47) Bromodichloromethane	7.824	83	112379	53.825	ug/l	98
48) Methyl methacrylate	7.696	41	89898m	56.596	ug/l	
49) 1,4-Dioxane	7.702	88	41193	1292.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	615521	308.298	ug/l	99
52) Toluene	8.720	92	295067	75.828	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	118807	50.480	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	123258	52.982	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	81645	51.649	ug/l	97
56) Ethyl methacrylate	9.116	69	139929	61.463	ug/l	96
57) 1,3-Dichloropropane	9.311	76	132651	51.807	ug/l	99
59) 2-Hexanone	9.433	43	465047	312.170	ug/l	97
60) Dibromochloromethane	9.525	129	89646	55.333	ug/l	98
61) 1,2-Dibromoethane	9.610	107	89937	53.670	ug/l	99
64) Tetrachloroethene	9.275	164	66558	46.205	ug/l	98
65) Chlorobenzene	10.079	112	221074	49.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	82428	51.506	ug/l	99
67) Ethyl Benzene	10.201	91	7575276	956.657	ug/l #	85
68) m/p-Xylenes	10.305	106	2173035	694.899	ug/l	94
69) o-Xylene	10.646	106	533368	178.041	ug/l	99
70) Styrene	10.659	104	280974	55.618	ug/l #	77
71) Bromoform	10.799	173	64567	47.660	ug/l #	99
73) Isopropylbenzene	10.963	105	1094625	134.405	ug/l	100
74) N-amyl acetate	10.848	43	162323	53.950	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	126750	48.409	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	115389m	51.022	ug/l	
77) Bromobenzene	11.201	156	100061	50.124	ug/l	97
78) n-propylbenzene	11.305	91	2610739	279.957	ug/l	99
79) 2-Chlorotoluene	11.366	91	354334	63.045	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	864362	122.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35548	49.424	ug/l	96
82) 4-Chlorotoluene	11.457	91	393062	60.069	ug/l	92
83) tert-Butylbenzene	11.719	119	356150	50.601	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2621380	383.283	ug/l	97
85) sec-Butylbenzene	11.890	105	553743	65.100	ug/l	91
86) p-Isopropyltoluene	12.012	119	376012	51.953	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	190682	49.627	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	192738	48.833	ug/l	99
89) n-Butylbenzene	12.335	91	556457	87.291	ug/l #	88
90) Hexachloroethane	12.542	117	76696	68.292	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	187254	49.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34346	68.660	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	125747	51.210	ug/l	97
94) Hexachlorobutadiene	13.725	225	48141	45.171	ug/l	98
95) Naphthalene	13.780	128	2297914	292.184	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	125527	50.825	ug/l	98

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

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