

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027062.D
 Acq On : 16 Feb 2022 20:07
 Operator : JC/MD
 Sample : N1575-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7RMSD

Quant Time: Feb 17 07:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	82290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	134279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47455	48.041	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.080%		
35) Dibromofluoromethane	5.391	113	39053	48.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.640%		
50) Toluene-d8	8.653	98	148137	50.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.900%		
62) 4-Bromofluorobenzene	11.079	95	53396	51.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42420	47.408	ug/l	99
3) Chloromethane	1.295	50	41179	49.470	ug/l	100
4) Vinyl Chloride	1.374	62	40545	46.530	ug/l	98
5) Bromomethane	1.605	94	18570	50.222	ug/l	99
6) Chloroethane	1.685	64	24106	50.818	ug/l	99
7) Trichlorofluoromethane	1.892	101	61505	47.964	ug/l	98
8) Diethyl Ether	2.136	74	21813	45.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	41447	49.311	ug/l	98
10) Methyl Iodide	2.459	142	50668	43.757	ug/l	97
11) Tert butyl alcohol	2.959	59	42825	239.982	ug/l	96
12) 1,1-Dichloroethene	2.325	96	39542	46.953	ug/l	90
13) Acrolein	2.239	56	48403	293.508	ug/l	100
14) Allyl chloride	2.666	41	73624	49.354	ug/l	96
15) Acrylonitrile	3.062	53	129117	252.490	ug/l	99
16) Acetone	2.380	43	111803	257.698	ug/l	95
17) Carbon Disulfide	2.514	76	101856	42.724	ug/l	100
18) Methyl Acetate	2.703	43	55769	44.676	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	143808	48.243	ug/l	98
20) Methylene Chloride	2.794	84	45782	48.701	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	43007	48.529	ug/l	97
22) Diisopropyl ether	3.764	45	147805	49.213	ug/l	96
23) Vinyl Acetate	3.727	43	612580	242.592	ug/l	98
24) 1,1-Dichloroethane	3.617	63	80553	49.566	ug/l	99
25) 2-Butanone	4.556	43	176273	252.176	ug/l	100
26) 2,2-Dichloropropane	4.477	77	57929	52.756	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	51892	50.999	ug/l	95
28) Bromochloromethane	4.904	49	32385	48.072	ug/l	96
29) Tetrahydrofuran	5.007	42	116632	245.433	ug/l	98
30) Chloroform	5.099	83	83626	49.526	ug/l	96
31) Cyclohexane	5.477	56	72766	46.361	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	72802	48.903	ug/l	100
36) 1,1-Dichloropropene	5.696	75	60769	48.150	ug/l	98
37) Ethyl Acetate	4.715	43	78817	54.952	ug/l	98
38) Carbon Tetrachloride	5.684	117	64084	48.422	ug/l	95
39) Methylcyclohexane	7.385	83	74904	48.396	ug/l	97
40) Benzene	6.044	78	181529	49.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39359	50.631	ug/l	97
42) 1,2-Dichloroethane	6.092	62	65663	50.660	ug/l	98
43) Isopropyl Acetate	6.342	43	107650	48.781	ug/l	98
44) Trichloroethene	7.129	130	52293	47.349	ug/l	95
45) 1,2-Dichloropropane	7.434	63	46384	49.841	ug/l	95
46) Dibromomethane	7.586	93	33241	51.621	ug/l	98
47) Bromodichloromethane	7.824	83	64806	52.552	ug/l	100
48) Methyl methacrylate	7.696	41	55551	50.803	ug/l	97
49) 1,4-Dioxane	7.659	88	18527	983.261	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	350095	261.792	ug/l	98
52) Toluene	8.720	92	116682	50.104	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65733	49.259	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	72787	53.452	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	47439	53.809	ug/l	98
56) Ethyl methacrylate	9.116	69	74797	53.522	ug/l	95
57) 1,3-Dichloropropane	9.311	76	80345	53.071	ug/l	99
59) 2-Hexanone	9.433	43	258267	264.036	ug/l	97
60) Dibromochloromethane	9.525	129	49954	55.068	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49693	53.348	ug/l	99
64) Tetrachloroethene	9.275	164	53488	44.255	ug/l	95
65) Chlorobenzene	10.080	112	124023	49.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46706	51.017	ug/l	99
67) Ethyl Benzene	10.195	91	222985	50.623	ug/l	100
68) m/p-Xylenes	10.305	106	170406	100.551	ug/l	98
69) o-Xylene	10.647	106	83451	50.253	ug/l	97
70) Styrene	10.659	104	138090	51.272	ug/l	98
71) Bromoform	10.799	173	33681	47.596	ug/l #	100
73) Isopropylbenzene	10.964	105	217149	49.668	ug/l	98
74) N-amyl acetate	10.842	43	84414	48.322	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	61563	51.888	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	60611m	49.884	ug/l	
77) Bromobenzene	11.201	156	51146	49.215	ug/l	96
78) n-propylbenzene	11.305	91	245702	50.693	ug/l	98
79) 2-Chlorotoluene	11.366	91	146968	49.076	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	180685	50.214	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18064	46.723	ug/l	92
82) 4-Chlorotoluene	11.457	91	168512	50.159	ug/l	98
83) tert-Butylbenzene	11.713	119	174082	50.760	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	180428	49.712	ug/l	98
85) sec-Butylbenzene	11.890	105	223442	51.399	ug/l	99
86) p-Isopropyltoluene	12.012	119	186742	50.706	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	94766	49.765	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	95116	49.528	ug/l	99
89) n-Butylbenzene	12.335	91	155031	51.451	ug/l	98
90) Hexachloroethane	12.543	117	28046	52.690	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	91323	49.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14095	48.309	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	57657	49.721	ug/l	98
94) Hexachlorobutadiene	13.725	225	23950	48.828	ug/l	98
95) Naphthalene	13.774	128	199370	49.083	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57415	48.897	ug/l	99

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

