

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030107.D
 Acq On : 18 Jul 2022 13:49
 Operator : JC/MD
 Sample : N3755-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-394-414-071422MSD

Quant Time: Jul 19 05:41:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	179070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	322404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120540	55.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	5.391	113	101147	49.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.220%			
50) Toluene-d8	8.653	98	390351	50.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.085	95	147368	54.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105165	51.740	ug/l	99
3) Chloromethane	1.288	50	97207	52.094	ug/l	99
4) Vinyl Chloride	1.374	62	104791	50.560	ug/l	99
5) Bromomethane	1.599	94	40438	45.930	ug/l	94
6) Chloroethane	1.679	64	59927	51.345	ug/l	98
7) Trichlorofluoromethane	1.880	101	141321	52.797	ug/l	98
8) Diethyl Ether	2.136	74	53983	48.750	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	96660	52.898	ug/l	99
10) Methyl Iodide	2.447	142	102085	56.570	ug/l	97
11) Tert butyl alcohol	2.989	59	140728	250.168	ug/l	97
12) 1,1-Dichloroethene	2.319	96	97235	53.295	ug/l	98
13) Acrolein	2.239	56	25624	228.712	ug/l	100
14) Allyl chloride	2.666	41	181089	56.798	ug/l	99
15) Acrylonitrile	3.068	53	361835	283.023	ug/l	100
16) Acetone	2.386	43	313611	305.353	ug/l	100
17) Carbon Disulfide	2.508	76	248944	48.752	ug/l	99
18) Methyl Acetate	2.709	43	167068	53.471	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	329073	57.062	ug/l	97
20) Methylene Chloride	2.788	84	113258	54.723	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	106725	56.121	ug/l	96
22) Diisopropyl ether	3.770	45	372947	59.759	ug/l	88
23) Vinyl Acetate	3.727	43	1592172	301.365	ug/l	99
24) 1,1-Dichloroethane	3.611	63	191986	55.515	ug/l	99
25) 2-Butanone	4.568	43	506193	289.335	ug/l	98
26) 2,2-Dichloropropane	4.483	77	131046	53.944	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	125295	53.803	ug/l	99
28) Bromochloromethane	4.904	49	78631	54.047	ug/l	99
29) Tetrahydrofuran	5.013	42	340380	286.684	ug/l	99
30) Chloroform	5.099	83	196744	57.087	ug/l	98
31) Cyclohexane	5.471	56	174583	55.253	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	161793	57.440	ug/l	99
36) 1,1-Dichloropropene	5.696	75	141985	53.370	ug/l	99
37) Ethyl Acetate	4.721	43	189029	55.295	ug/l	98
38) Carbon Tetrachloride	5.678	117	137015	55.227	ug/l	97
39) Methylcyclohexane	7.385	83	181229	53.736	ug/l	96
40) Benzene	6.044	78	460345	54.976	ug/l	100

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41) Methacrylonitrile	4.928	41	102271	55.561	ug/l	98
42) 1,2-Dichloroethane	6.092	62	150071	57.828	ug/l	99
43) Isopropyl Acetate	6.348	43	285628	55.564	ug/l	99
44) Trichloroethene	7.129	130	121761	49.762	ug/l	96
45) 1,2-Dichloropropane	7.434	63	119397	54.857	ug/l	99
46) Dibromomethane	7.586	93	80698	53.870	ug/l	96
47) Bromodichloromethane	7.824	83	149399	54.962	ug/l	97
48) Methyl methacrylate	7.696	41	142036	59.883	ug/l	97
49) 1,4-Dioxane	7.671	88	66087	1072.435	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	985530	289.721	ug/l	99
52) Toluene	8.720	92	291419	54.806	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	159862	56.619	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	174937	54.084	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	115726	52.777	ug/l	96
56) Ethyl methacrylate	9.122	69	187514	56.878	ug/l	97
57) 1,3-Dichloropropane	9.311	76	191090	54.859	ug/l	99
59) 2-Hexanone	9.433	43	773514	296.525	ug/l	99
60) Dibromochloromethane	9.525	129	114809	53.744	ug/l	99
61) 1,2-Dibromoethane	9.616	107	123836	54.264	ug/l	100
64) Tetrachloroethene	9.275	164	117718	51.211	ug/l	97
65) Chlorobenzene	10.079	112	294167	51.588	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	104433	53.721	ug/l	100
67) Ethyl Benzene	10.195	91	540017	55.877	ug/l	99
68) m/p-Xylenes	10.305	106	416946	109.997	ug/l	98
69) o-Xylene	10.646	106	204982	54.008	ug/l	97
70) Styrene	10.659	104	347785	55.209	ug/l	98
71) Bromoform	10.805	173	80850	51.766	ug/l #	99
73) Isopropylbenzene	10.963	105	528226	52.130	ug/l	99
74) N-amyl acetate	10.848	43	247477	55.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	186249	50.947	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	173920m	51.980	ug/l	
77) Bromobenzene	11.201	156	122676	48.388	ug/l	96
78) n-propylbenzene	11.305	91	637148	53.003	ug/l	99
79) 2-Chlorotoluene	11.366	91	376041	52.226	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	452238	52.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59267	51.120	ug/l	95
82) 4-Chlorotoluene	11.457	91	430036	53.307	ug/l	100
83) tert-Butylbenzene	11.719	119	416939	50.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	460787	54.562	ug/l	98
85) sec-Butylbenzene	11.890	105	579435	53.529	ug/l	100
86) p-Isopropyltoluene	12.012	119	469550	54.070	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	241539	51.563	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	244081	50.775	ug/l	99
89) n-Butylbenzene	12.335	91	442198	56.832	ug/l	100
90) Hexachloroethane	12.542	117	77065	51.912	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	241670	50.781	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44733	53.590	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	144331	49.376	ug/l	98
94) Hexachlorobutadiene	13.725	225	55673	47.705	ug/l	100
95) Naphthalene	13.780	128	597080	51.460	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	150608	50.638	ug/l	99

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

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