

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023106.D
 Acq On : 02 Jul 2021 13:03
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:14 PM

Quant Time: Jul 02 14:14:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:06:48 2021
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			5.562	168	293440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			6.769	114	470241	50.000	ug/l	0.00
63) Chlorobenzene-d5			10.061	117	449731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.024	152	234156	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			5.964	65	408344	106.821	ug/l	0.00
Spiked Amount 50.000			Range	78 - 117	Recovery	=	213.640%#	
35) Dibromofluoromethane			5.397	113	317302	109.620	ug/l	0.00
Spiked Amount 50.000			Range	75 - 124	Recovery	=	219.240%#	
50) Toluene-d8			8.653	98	1189751	108.092	ug/l	0.00
Spiked Amount 50.000			Range	92 - 112	Recovery	=	216.180%#	
62) 4-Bromofluorobenzene			11.085	95	475835	110.612	ug/l	0.00
Spiked Amount 50.000			Range	83 - 123	Recovery	=	221.220%#	
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			1.172	85	288976	100.970	ug/l	100
3) Chloromethane			1.294	50	268361	101.741	ug/l	100
4) Vinyl Chloride			1.374	62	301053	104.026	ug/l	99
5) Bromomethane			1.599	94	139425	94.861	ug/l	100
6) Chloroethane			1.672	64	196367	103.715	ug/l	98
7) Trichlorofluoromethane			1.880	101	508969	100.438	ug/l	96
8) Diethyl Ether			2.142	74	189258	104.480	ug/l	95
9) 1,1,2-Trichlorotrifluo...			2.325	101	295621	102.313	ug/l	96
10) Methyl Iodide			2.453	142	392998	110.819	ug/l	93
11) Tert butyl alcohol			2.989	59	416291	527.463	ug/l	98
12) 1,1-Dichloroethene			2.312	96	276836	102.434	ug/l	93
13) Acrolein			2.245	56	281601	513.525	ug/l	100
14) Allyl chloride			2.666	41	498966	106.234	ug/l	91
15) Acrylonitrile			3.075	53	858336	516.477	ug/l	97
16) Acetone			2.392	43	783062	520.583	ug/l	91
17) Carbon Disulfide			2.508	76	610058	111.276	ug/l	99
18) Methyl Acetate			2.715	43	397283	103.040	ug/l	93
19) Methyl tert-butyl Ether			3.129	73	1060852	105.364	ug/l	98
20) Methylene Chloride			2.794	84	319983	102.304	ug/l	91
21) trans-1,2-Dichloroethene			3.093	96	301170	105.450	ug/l	95
22) Diisopropyl ether			3.776	45	1039511	105.142	ug/l	95
23) Vinyl Acetate			3.733	43	4490655	521.418	ug/l	97
24) 1,1-Dichloroethane			3.617	63	575457	104.124	ug/l	98
25) 2-Butanone			4.574	43	1255948	520.200	ug/l	96
26) 2,2-Dichloropropane			4.483	77	502771	106.879	ug/l	98
27) cis-1,2-Dichloroethene			4.495	96	365320	105.101	ug/l	97
28) Bromochloromethane			4.910	49	264153	103.769	ug/l	97
29) Tetrahydrofuran			5.019	42	813157	522.654	ug/l	92
30) Chloroform			5.105	83	627974	104.991	ug/l	99
31) Cyclohexane			5.477	56	490106	104.635	ug/l	99
32) 1,1,1-Trichloroethane			5.391	97	569662	108.211	ug/l	99
36) 1,1-Dichloropropene			5.702	75	443320	104.986	ug/l	98
37) Ethyl Acetate			4.733	43	490165	104.305	ug/l	95
38) Carbon Tetrachloride			5.684	117	495681	108.203	ug/l	99
39) Methylcyclohexane			7.385	83	521411	106.007	ug/l	96
40) Benzene			6.050	78	1280945	103.053	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	273123	105.199	ug/l	93
42) 1,2-Dichloroethane	6.098	62	520389	101.869	ug/l	95
43) Isopropyl Acetate	6.354	43	814046	104.236	ug/l	94
44) Trichloroethene	7.129	130	362151	103.066	ug/l	100
45) 1,2-Dichloropropane	7.440	63	337742	104.323	ug/l	98
46) Dibromomethane	7.586	93	245539	105.049	ug/l	97
47) Bromodichloromethane	7.830	83	474052	107.750	ug/l	100
48) Methyl methacrylate	7.702	41	399302	103.683	ug/l	89
49) 1,4-Dioxane	7.665	88	181981	2087.136	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	2529288	511.218	ug/l	93
52) Toluene	8.726	92	855442	105.316	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	545129	110.539	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	564237	107.546	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	359618	105.052	ug/l	99
56) Ethyl methacrylate	9.122	69	579945	108.845	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	584174	104.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	1425662	509.572	ug/l	99
59) 2-Hexanone	9.439	43	1966549	513.674	ug/l	91
60) Dibromochloromethane	9.525	129	384670	112.080	ug/l	99
61) 1,2-Dibromoethane	9.616	107	381246	104.916	ug/l	99
64) Tetrachloroethene	9.281	164	376483	104.492	ug/l	95
65) Chlorobenzene	10.085	112	944105	104.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	365278	107.101	ug/l	99
67) Ethyl Benzene	10.195	91	1695406	104.762	ug/l	99
68) m/p-Xylenes	10.305	106	1324749	212.949	ug/l	99
69) o-Xylene	10.646	106	658110	105.666	ug/l	99
70) Styrene	10.659	104	1128893	107.697	ug/l	98
71) Bromoform	10.805	173	284386	115.913	ug/l #	99
73) Isopropylbenzene	10.963	105	1735608	102.404	ug/l	99
74) N-amyl acetate	10.848	43	753812	104.309	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	536006	103.225	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	494536m	101.110	ug/l	
77) Bromobenzene	11.201	156	434806	104.535	ug/l	96
78) n-propylbenzene	11.311	91	2023987	102.567	ug/l	98
79) 2-Chlorotoluene	11.372	91	1218701	101.834	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1506401	102.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	176834	109.918	ug/l	95
82) 4-Chlorotoluene	11.457	91	1430292	103.079	ug/l	100
83) tert-Butylbenzene	11.719	119	1436707	102.556	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1513398	102.646	ug/l	100
85) sec-Butylbenzene	11.896	105	1874777	103.253	ug/l	99
86) p-Isopropyltoluene	12.012	119	1589109	103.870	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	822544	103.823	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	832023	105.408	ug/l	99
89) n-Butylbenzene	12.335	91	1418558	105.081	ug/l	98
90) Hexachloroethane	12.542	117	260095	113.055	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	807200	102.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	132700	109.428	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	533609	109.543	ug/l	98
94) Hexachlorobutadiene	13.731	225	217070	106.951	ug/l	99
95) Naphthalene	13.780	128	1808641	105.603	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	536133	107.246	ug/l	99

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

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