

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023516.D
 Acq On : 29 Jul 2021 16:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 7/30/2021 6:51:33 PM

Quant Time: Jul 30 03:43:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	326733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124224	48.304	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.600%		
35) Dibromofluoromethane	5.391	113	99639	48.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.653	98	373923	49.819	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.640%		
62) 4-Bromofluorobenzene	11.085	95	140306	54.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97288	51.292	ug/l	100
3) Chloromethane	1.294	50	111187	50.322	ug/l	99
4) Vinyl Chloride	1.374	62	109115	48.786	ug/l	99
5) Bromomethane	1.599	94	65669	49.456	ug/l	97
6) Chloroethane	1.679	64	69447	50.593	ug/l	100
7) Trichlorofluoromethane	1.880	101	181043	50.243	ug/l	98
8) Diethyl Ether	2.136	74	65338	49.127	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	105127	51.496	ug/l	97
10) Methyl Iodide	2.453	142	135689	53.051	ug/l	97
11) Tert butyl alcohol	2.977	59	132627	225.751	ug/l	98
12) 1,1-Dichloroethene	2.319	96	100064	49.396	ug/l	98
13) Acrolein	2.239	56	61405	205.844	ug/l	99
14) Allyl chloride	2.666	41	179765	48.810	ug/l	94
15) Acrylonitrile	3.069	53	324306	244.457	ug/l	98
16) Acetone	2.386	43	279663	221.683	ug/l	92
17) Carbon Disulfide	2.508	76	222395	44.523	ug/l	99
18) Methyl Acetate	2.709	43	150479	50.177	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	352888	50.101	ug/l	98
20) Methylene Chloride	2.788	84	117031	47.692	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	105423	48.990	ug/l	99
22) Diisopropyl ether	3.770	45	371132	51.049	ug/l	94
23) Vinyl Acetate	3.727	43	1624091	253.061	ug/l	95
24) 1,1-Dichloroethane	3.611	63	201377	50.396	ug/l	97
25) 2-Butanone	4.562	43	466489	238.185	ug/l	92
26) 2,2-Dichloropropane	4.477	77	164546	50.348	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	126045	50.435	ug/l	98
28) Bromochloromethane	4.904	49	93995	50.403	ug/l	93
29) Tetrahydrofuran	5.013	42	308948	240.659	ug/l	89
30) Chloroform	5.099	83	206927	50.594	ug/l	99
31) Cyclohexane	5.471	56	180957	47.499	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	176677	50.546	ug/l	97
36) 1,1-Dichloropropene	5.696	75	151113	51.127	ug/l	99
37) Ethyl Acetate	4.721	43	181745	48.770	ug/l	94
38) Carbon Tetrachloride	5.678	117	156251	51.983	ug/l	99
39) Methylcyclohexane	7.385	83	191986	51.434	ug/l	99
40) Benzene	6.038	78	445871	50.879	ug/l	100

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41) Methacrylonitrile	4.928	41	101407	51.536	ug/l	92
42) 1,2-Dichloroethane	6.092	62	168936	52.137	ug/l	96
43) Isopropyl Acetate	6.342	43	289747	50.176	ug/l	93
44) Trichloroethene	7.129	130	125311	52.050	ug/l	97
45) 1,2-Dichloropropane	7.434	63	119813	51.667	ug/l	95
46) Dibromomethane	7.580	93	82092	52.190	ug/l	98
47) Bromodichloromethane	7.824	83	152674	53.875	ug/l	97
48) Methyl methacrylate	7.696	41	143936	53.820	ug/l	87
49) 1,4-Dioxane	7.665	88	57490	1009.514	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	953095	269.844	ug/l	90
52) Toluene	8.720	92	289390	53.302	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	176392	49.110	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	188594	53.385	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	121962	55.475	ug/l	97
56) Ethyl methacrylate	9.116	69	194294	55.133	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	201312	53.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	466547	249.910	ug/l	98
59) 2-Hexanone	9.433	43	725533	270.506	ug/l	88
60) Dibromochloromethane	9.525	129	123191	50.535	ug/l	99
61) 1,2-Dibromoethane	9.610	107	129254	55.105	ug/l	100
64) Tetrachloroethene	9.275	164	126419	52.358	ug/l	95
65) Chlorobenzene	10.079	112	322198	51.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	116862	48.998	ug/l	99
67) Ethyl Benzene	10.195	91	576254	53.509	ug/l	99
68) m/p-Xylenes	10.305	106	440287	106.305	ug/l	99
69) o-Xylene	10.646	106	216655	52.762	ug/l	98
70) Styrene	10.659	104	361574	55.576	ug/l	99
71) Bromoform	10.805	173	85953	46.245	ug/l #	99
73) Isopropylbenzene	10.963	105	572690	52.614	ug/l	99
74) N-amyl acetate	10.848	43	255670	51.487	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	175516	49.502	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	165866m	52.253	ug/l	
77) Bromobenzene	11.201	156	140573	53.537	ug/l	94
78) n-propylbenzene	11.305	91	664404	53.934	ug/l	99
79) 2-Chlorotoluene	11.366	91	389492	52.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	478531	53.984	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	57563	48.761	ug/l	92
82) 4-Chlorotoluene	11.457	91	444644	53.393	ug/l	100
83) tert-Butylbenzene	11.719	119	462526	53.195	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	472019	53.534	ug/l	100
85) sec-Butylbenzene	11.896	105	607433	53.879	ug/l	99
86) p-Isopropyltoluene	12.012	119	504244	55.386	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	252132	51.904	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	251529	51.030	ug/l	99
89) n-Butylbenzene	12.335	91	453227	54.992	ug/l	97
90) Hexachloroethane	12.542	117	78961	48.486	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	244175	51.913	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37215	43.549	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	157860	53.419	ug/l	100
94) Hexachlorobutadiene	13.725	225	70046	52.818	ug/l	99
95) Naphthalene	13.780	128	539717	53.120	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	161024	53.960	ug/l	99

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

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