

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023111.D
 Acq On : 02 Jul 2021 16:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:30 PM

Quant Time: Jul 05 02:54:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	309422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	488968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	198571	47.749	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.397	113	150652	47.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	8.652	98	565758	48.033	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.085	95	223074	49.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	149326	53.262	ug/l	99
3) Chloromethane	1.294	50	136919	49.360	ug/l	100
4) Vinyl Chloride	1.373	62	148316	50.474	ug/l	99
5) Bromomethane	1.599	94	76529	50.921	ug/l	99
6) Chloroethane	1.678	64	94581	49.224	ug/l	98
7) Trichlorofluoromethane	1.885	101	258613	50.642	ug/l	99
8) Diethyl Ether	2.141	74	93221	49.459	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.330	101	152893	51.161	ug/l	96
10) Methyl Iodide	2.452	142	159524	43.471	ug/l	92
11) Tert butyl alcohol	2.977	59	208751	238.609	ug/l	99
12) 1,1-Dichloroethene	2.318	96	139780	50.678	ug/l	95
13) Acrolein	2.245	56	130368	223.779	ug/l	98
14) Allyl chloride	2.666	41	248652	51.879	ug/l	92
15) Acrylonitrile	3.074	53	421869	247.991	ug/l	97
16) Acetone	2.391	43	399165	242.612	ug/l	91
17) Carbon Disulfide	2.513	76	289942	49.842	ug/l	100
18) Methyl Acetate	2.715	43	193680	48.495	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	529849	51.363	ug/l	98
20) Methylene Chloride	2.794	84	162180	45.784	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	147715	49.588	ug/l	93
22) Diisopropyl ether	3.769	45	510412	50.512	ug/l	97
23) Vinyl Acetate	3.733	43	2222356	259.859	ug/l	95
24) 1,1-Dichloroethane	3.617	63	285866	50.070	ug/l	98
25) 2-Butanone	4.568	43	618243	249.192	ug/l	94
26) 2,2-Dichloropropane	4.482	77	258747	53.996	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	175839	48.734	ug/l	94
28) Bromochloromethane	4.909	49	126689	46.772	ug/l	96
29) Tetrahydrofuran	5.013	42	391108	245.236	ug/l	92
30) Chloroform	5.104	83	308072	49.952	ug/l	100
31) Cyclohexane	5.476	56	247415	49.689	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	276724	51.518	ug/l	99
36) 1,1-Dichloropropene	5.696	75	216044	49.562	ug/l	99
37) Ethyl Acetate	4.726	43	234528	49.320	ug/l	95
38) Carbon Tetrachloride	5.684	117	241492	53.075	ug/l	99
39) Methylcyclohexane	7.384	83	263807	51.745	ug/l	99
40) Benzene	6.043	78	632696	49.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	129189	48.598	ug/l	93
42) 1,2-Dichloroethane	6.092	62	260545	51.234	ug/l	94
43) Isopropyl Acetate	6.348	43	395234	49.970	ug/l	94
44) Trichloroethene	7.128	130	177181	49.352	ug/l	99
45) 1,2-Dichloropropane	7.433	63	165913	50.220	ug/l	98
46) Dibromomethane	7.586	93	117936	49.985	ug/l	97
47) Bromodichloromethane	7.829	83	224138	52.031	ug/l	99
48) Methyl methacrylate	7.701	41	194637	50.150	ug/l	88
49) 1,4-Dioxane	7.665	88	87648	1003.435	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	1228949	250.744	ug/l	92
52) Toluene	8.720	92	414036	50.551	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	255197	47.032	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	269660	47.666	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	174139	50.630	ug/l	98
56) Ethyl methacrylate	9.122	69	273369	51.436	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	284853	50.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	688390	238.215	ug/l	99
59) 2-Hexanone	9.433	43	952367	253.251	ug/l	90
60) Dibromochloromethane	9.524	129	175562	45.980	ug/l	100
61) 1,2-Dibromoethane	9.616	107	182899	51.812	ug/l	99
64) Tetrachloroethene	9.274	164	179175	49.133	ug/l	93
65) Chlorobenzene	10.085	112	458647	50.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	171907	52.605	ug/l	99
67) Ethyl Benzene	10.195	91	829306	51.905	ug/l	100
68) m/p-Xylenes	10.305	106	637409	104.495	ug/l	97
69) o-Xylene	10.646	106	317322	51.617	ug/l	100
70) Styrene	10.658	104	532812	53.058	ug/l	97
71) Bromoform	10.805	173	120432	43.894	ug/l	98
73) Isopropylbenzene	10.963	105	848725	51.826	ug/l	99
74) N-amyl acetate	10.847	43	351835	50.629	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	257983	49.583	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	237239m	50.714	ug/l	
77) Bromobenzene	11.201	156	204477	50.009	ug/l	97
78) n-propylbenzene	11.311	91	990726	52.317	ug/l	99
79) 2-Chlorotoluene	11.365	91	593420	50.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	731891	51.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	79870	47.898	ug/l	92
82) 4-Chlorotoluene	11.457	91	691223	52.299	ug/l	100
83) tert-Butylbenzene	11.719	119	692743	51.760	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	730951	52.456	ug/l	98
85) sec-Butylbenzene	11.896	105	908113	52.732	ug/l	100
86) p-Isopropyltoluene	12.012	119	772090	53.446	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	393040	51.190	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	389142	50.335	ug/l	98
89) n-Butylbenzene	12.335	91	685714	54.187	ug/l	98
90) Hexachloroethane	12.542	117	117005	47.506	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	385015	50.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	59158	46.536	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	249437	53.016	ug/l	98
94) Hexachlorobutadiene	13.731	225	107220	53.822	ug/l	100
95) Naphthalene	13.780	128	834533	48.135	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253010	53.468	ug/l	98

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

