

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023186.D
 Acq On : 08 Jul 2021 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:42:10 PM

Quant Time: Jul 09 02:07:45 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	277744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	433042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178633	47.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.700%		
35) Dibromofluoromethane	5.391	113	137480	49.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.320%		
50) Toluene-d8	8.653	98	510463	48.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.880%		
62) 4-Bromofluorobenzene	11.085	95	205400	51.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	137065	54.464	ug/l	98
3) Chloromethane	1.294	50	119341	47.930	ug/l	99
4) Vinyl Chloride	1.380	62	130629	49.525	ug/l	99
5) Bromomethane	1.599	94	55693	40.186	ug/l	96
6) Chloroethane	1.678	64	79738	46.232	ug/l	98
7) Trichlorofluoromethane	1.886	101	218908	47.756	ug/l	97
8) Diethyl Ether	2.136	74	80982	47.866	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	138767	51.730	ug/l	98
10) Methyl Iodide	2.453	142	164126	49.827	ug/l	93
11) Tert butyl alcohol	2.983	59	194942	248.239	ug/l	99
12) 1,1-Dichloroethene	2.319	96	124139	50.140	ug/l	96
13) Acrolein	2.245	56	108996	208.432	ug/l	99
14) Allyl chloride	2.666	41	224545	52.192	ug/l	93
15) Acrylonitrile	3.075	53	393021	257.384	ug/l	98
16) Acetone	2.392	43	372399	252.160	ug/l	93
17) Carbon Disulfide	2.514	76	260377	49.865	ug/l	99
18) Methyl Acetate	2.715	43	182522	50.914	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	493513	53.297	ug/l	99
20) Methylene Chloride	2.794	84	147806	46.485	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	131324	49.113	ug/l	94
22) Diisopropyl ether	3.776	45	459202	50.627	ug/l	92
23) Vinyl Acetate	3.733	43	2009908	261.823	ug/l	97
24) 1,1-Dichloroethane	3.617	63	258448	50.431	ug/l	99
25) 2-Butanone	4.568	43	568719	255.376	ug/l	95
26) 2,2-Dichloropropane	4.483	77	234885	54.607	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	163015	50.333	ug/l	97
28) Bromochloromethane	4.903	49	116347	47.853	ug/l	99
29) Tetrahydrofuran	5.013	42	355214	248.132	ug/l	92
30) Chloroform	5.099	83	279362	50.463	ug/l	98
31) Cyclohexane	5.477	56	218608	48.911	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	250088	51.870	ug/l	100
36) 1,1-Dichloropropene	5.696	75	193066	50.011	ug/l	99
37) Ethyl Acetate	4.727	43	216411	51.388	ug/l	96
38) Carbon Tetrachloride	5.684	117	216695	53.776	ug/l	100
39) Methylcyclohexane	7.385	83	238585	52.841	ug/l	97
40) Benzene	6.043	78	565935	50.493	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	120900	51.353	ug/l	94
42) 1,2-Dichloroethane	6.092	62	234850	52.145	ug/l	95
43) Isopropyl Acetate	6.348	43	360030	51.397	ug/l	95
44) Trichloroethene	7.129	130	162175	51.006	ug/l	99
45) 1,2-Dichloropropane	7.433	63	151442	51.760	ug/l	97
46) Dibromomethane	7.586	93	108301	51.830	ug/l	98
47) Bromodichloromethane	7.830	83	211016	55.311	ug/l	98
48) Methyl methacrylate	7.696	41	175279	50.995	ug/l	91
49) 1,4-Dioxane	7.665	88	82114	1061.487	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1119033	257.804	ug/l	93
52) Toluene	8.720	92	376052	51.843	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	238746	49.529	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	248881	49.583	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	162329	53.292	ug/l	97
56) Ethyl methacrylate	9.122	69	254474	54.064	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	257520	51.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	627114	244.902	ug/l	99
59) 2-Hexanone	9.433	43	860103	258.254	ug/l	91
60) Dibromochloromethane	9.525	129	165442	48.727	ug/l	99
61) 1,2-Dibromoethane	9.610	107	167920	53.712	ug/l	99
64) Tetrachloroethene	9.275	164	165321	50.810	ug/l	93
65) Chlorobenzene	10.085	112	412998	51.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162753	55.820	ug/l	99
67) Ethyl Benzene	10.195	91	747277	52.420	ug/l	99
68) m/p-Xylenes	10.305	106	574821	105.617	ug/l	99
69) o-Xylene	10.646	106	285591	52.067	ug/l	100
70) Styrene	10.659	104	484015	54.021	ug/l	98
71) Bromoform	10.805	173	121582	49.132	ug/l #	99
73) Isopropylbenzene	10.963	105	762990	52.219	ug/l	99
74) N-amyl acetate	10.848	43	313313	50.533	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	235615	50.755	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	224446m	53.776	ug/l	
77) Bromobenzene	11.201	156	188346	51.629	ug/l	95
78) n-propylbenzene	11.305	91	881138	52.152	ug/l	98
79) 2-Chlorotoluene	11.366	91	537174	51.443	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	660324	52.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	80551	53.521	ug/l	95
82) 4-Chlorotoluene	11.457	91	621436	52.699	ug/l	100
83) tert-Butylbenzene	11.719	119	633256	53.032	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	662213	53.265	ug/l	98
85) sec-Butylbenzene	11.896	105	816439	53.137	ug/l	100
86) p-Isopropyltoluene	12.012	119	695819	53.986	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	354490	51.748	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	356976	51.753	ug/l	99
89) n-Butylbenzene	12.335	91	615259	54.493	ug/l	97
90) Hexachloroethane	12.542	117	111700	50.622	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	348968	51.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56652	49.760	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	229594	54.694	ug/l	98
94) Hexachlorobutadiene	13.725	225	97471	54.840	ug/l	99
95) Naphthalene	13.780	128	766738	49.530	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	230393	54.571	ug/l	98

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

