

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021807.D
 Acq On : 21 Apr 2021 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 12:12:14 PM

Quant Time: Apr 22 09:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	174617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	298584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	278991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	102564	51.78	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.56%			
35) Dibromofluoromethane	5.465	113	92972	48.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.38%			
50) Toluene-d8	8.696	98	353426	48.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.28%			
62) 4-Bromofluorobenzene	11.116	95	132419	48.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	88527	52.68	ug/l	99
3) Chloromethane	1.313	50	114626	51.89	ug/l	98
4) Vinyl Chloride	1.392	62	106178	52.91	ug/l	99
5) Bromomethane	1.624	94	46448	52.95	ug/l	95
6) Chloroethane	1.709	64	65000	51.37	ug/l	99
7) Trichlorofluoromethane	1.916	101	148615	55.28	ug/l	97
8) Diethyl Ether	2.166	74	59343	53.56	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	83393	51.74	ug/l	96
10) Methyl Iodide	2.489	142	61518	49.24	ug/l	99
11) Tert butyl alcohol	3.020	59	104920	241.87	ug/l	100
12) 1,1-Dichloroethene	2.355	96	88081	54.63	ug/l	91
13) Acrolein	2.276	56	89596	255.34	ug/l	97
14) Allyl chloride	2.703	41	134273	51.81	ug/l	97
15) Acrylonitrile	3.117	53	247213	281.60	ug/l	99
16) Acetone	2.422	43	187381	275.14	ug/l	99
17) Carbon Disulfide	2.550	76	238424	51.88	ug/l	100
18) Methyl Acetate	2.752	43	103641	56.08	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	302197	54.37	ug/l	98
20) Methylene Chloride	2.831	84	101220	49.58	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	96503	52.13	ug/l	93
22) Diisopropyl ether	3.825	45	277085	53.30	ug/l	99
23) Vinyl Acetate	3.788	43	1218751	270.86	ug/l	100
24) 1,1-Dichloroethane	3.666	63	163979	53.16	ug/l	99
25) 2-Butanone	4.635	43	318947	276.58	ug/l	100
26) 2,2-Dichloropropane	4.550	77	124017	41.57	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	113808	54.11	ug/l	92
28) Bromochloromethane	4.977	49	62699	48.97	ug/l	87
29) Tetrahydrofuran	5.087	42	209361	279.02	ug/l	98
30) Chloroform	5.178	83	177008	52.99	ug/l	97
31) Cyclohexane	5.544	56	141972	50.96	ug/l	99
32) 1,1,1-Trichloroethane	5.465	97	158393	53.35	ug/l	97
36) 1,1-Dichloropropene	5.769	75	128773	48.86	ug/l	98
37) Ethyl Acetate	4.794	43	127788	51.58	ug/l	99
38) Carbon Tetrachloride	5.751	117	143248	49.63	ug/l	99
39) Methylcyclohexane	7.440	83	157433	46.11	ug/l	95
40) Benzene	6.111	78	395515	50.31	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.007	41	70226	50.37	ug/l	99
42) 1,2-Dichloroethane	6.160	62	130610	51.18	ug/l	99
43) Isopropyl Acetate	6.409	43	217609	50.15	ug/l	99
44) Trichloroethene	7.190	130	113487	49.47	ug/l	96
45) 1,2-Dichloropropane	7.489	63	100596	48.76	ug/l	100
46) Dibromomethane	7.635	93	73217	50.62	ug/l	99
47) Bromodichloromethane	7.873	83	145889	49.46	ug/l	100
48) Methyl methacrylate	7.745	41	107331	50.81	ug/l	99
49) 1,4-Dioxane	7.714	88	43726	880.31	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	653815	263.18	ug/l	99
52) Toluene	8.763	92	258911	50.76	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	157442	47.52	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	171142	48.89	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	106638	50.91	ug/l	99
56) Ethyl methacrylate	9.159	69	159527	50.31	ug/l	99
57) 1,3-Dichloropropane	9.354	76	171268	50.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	401390	258.99	ug/l	98
59) 2-Hexanone	9.470	43	490568	263.45	ug/l	98
60) Dibromochloromethane	9.561	129	128187	50.42	ug/l	100
61) 1,2-Dibromoethane	9.653	107	116976	51.38	ug/l	99
64) Tetrachloroethene	9.318	164	99353	45.54	ug/l	95
65) Chlorobenzene	10.122	112	282207	49.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	110778	49.72	ug/l	99
67) Ethyl Benzene	10.232	91	496751	49.82	ug/l	99
68) m/p-Xylenes	10.342	106	375009	97.21	ug/l	99
69) o-Xylene	10.683	106	181754	48.87	ug/l	98
70) Styrene	10.695	104	315795	50.06	ug/l	97
71) Bromoform	10.842	173	93421	46.29	ug/l #	97
73) Isopropylbenzene	11.000	105	485050	50.00	ug/l	99
74) N-amyl acetate	10.878	43	192568	51.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	159878	54.21	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	149097m	54.38	ug/l	
77) Bromobenzene	11.238	156	123632	48.30	ug/l	93
78) n-propylbenzene	11.342	91	546739	50.96	ug/l	98
79) 2-Chlorotoluene	11.402	91	322842	51.14	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	407720	49.63	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	55329	46.41	ug/l	91
82) 4-Chlorotoluene	11.494	91	375365	51.29	ug/l	98
83) tert-Butylbenzene	11.756	119	406710	49.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.787	105	408178	49.20	ug/l	98
85) sec-Butylbenzene	11.927	105	459669	48.89	ug/l	99
86) p-Isopropyltoluene	12.049	119	433724	48.57	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	220376	49.85	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	218332	48.83	ug/l	99
89) n-Butylbenzene	12.372	91	364046	48.31	ug/l	98
90) Hexachloroethane	12.579	117	80908	49.68	ug/l	97
91) 1,2-Dichlorobenzene	12.372	146	213884	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33962	51.47	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	138538	45.00	ug/l	99
94) Hexachlorobutadiene	13.762	225	54165	35.77	ug/l	100
95) Naphthalene	13.817	128	480755	51.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	137816	46.63	ug/l	99

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

