

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020570.D
 Acq On : 12 Jan 2021 10:35
 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
 1/13/2021 4:38:31 PM

Quant Time: Jan 13 00:23:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	185060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	274633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	257184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.019	65	105601	47.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.02%
35) Dibromofluoromethane	5.458	113	91659	48.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.34%
50) Toluene-d8	8.689	98	340245	49.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.94%
62) 4-Bromofluorobenzene	11.116	95	121962	50.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	97641	53.48	ug/l	100
3) Chloromethane	1.313	50	84790	50.19	ug/l	100
4) Vinyl Chloride	1.392	62	100551	51.90	ug/l	99
5) Bromomethane	1.630	94	58035	44.36	ug/l	97
6) Chloroethane	1.709	64	66282	57.97	ug/l	100
7) Trichlorofluoromethane	1.916	101	163277	50.90	ug/l	100
8) Diethyl Ether	2.166	74	59591	52.14	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.361	101	95094	52.83	ug/l	95
10) Methyl Iodide	2.489	142	127928	50.96	ug/l	97
11) Tert butyl alcohol	3.014	59	86952	212.59	ug/l	98
12) 1,1-Dichloroethene	2.355	96	90780	51.38	ug/l	93
13) Acrolein	2.270	56	83280	270.30	ug/l	99
14) Allyl chloride	2.703	41	119012	48.48	ug/l	95
15) Acrylonitrile	3.111	53	234312	248.26	ug/l	99
16) Acetone	2.416	43	196501	258.84	ug/l	99
17) Carbon Disulfide	2.550	76	248733	51.06	ug/l	99
18) Methyl Acetate	2.745	43	94505	47.99	ug/l	95
19) Methyl tert-butyl Ether	3.160	73	293452	51.21	ug/l	98
20) Methylene Chloride	2.831	84	103557	49.31	ug/l	94
21) trans-1,2-Dichloroethene	3.135	96	101490	51.14	ug/l	95
22) Diisopropyl ether	3.818	45	256478	51.75	ug/l	95
23) Vinyl Acetate	3.776	43	1094521	258.73	ug/l	96
24) 1,1-Dichloroethane	3.666	63	164939	50.11	ug/l	98
25) 2-Butanone	4.623	43	296319	246.66	ug/l	96
26) 2,2-Dichloropropane	4.544	77	149723	48.90	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	112191	50.66	ug/l	93
28) Bromochloromethane	4.971	49	66554	49.65	ug/l #	87
29) Tetrahydrofuran	5.080	42	185186	253.07	ug/l	94
30) Chloroform	5.166	83	184379	50.09	ug/l	100
31) Cyclohexane	5.544	56	137621	52.69	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	168376	50.86	ug/l	98
36) 1,1-Dichloropropene	5.763	75	133187	53.08	ug/l	98
37) Ethyl Acetate	4.782	43	113142	49.64	ug/l	99
38) Carbon Tetrachloride	5.745	117	151797	51.84	ug/l	100
39) Methylcyclohexane	7.433	83	167052	58.29	ug/l	97
40) Benzene	6.104	78	399967	53.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	60521	50.73	ug/l	93
42) 1,2-Dichloroethane	6.153	62	140013	52.07	ug/l	100
43) Isopropyl Acetate	6.403	43	185260	52.43	ug/l	98
44) Trichloroethene	7.177	130	117015	52.21	ug/l	93
45) 1,2-Dichloropropane	7.482	63	102604	55.46	ug/l	98
46) Dibromomethane	7.635	93	75169	53.51	ug/l	96
47) Bromodichloromethane	7.872	83	148203	51.69	ug/l	98
48) Methyl methacrylate	7.738	41	96160	55.98	ug/l	94
49) 1,4-Dioxane	7.720	88	49112	1134.18	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	593481	270.79	ug/l	96
52) Toluene	8.762	92	264352	55.12	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	158868	54.41	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	169768	54.28	ug/l	93
55) 1,1,2-Trichloroethane	9.195	97	109126	53.85	ug/l	97
56) Ethyl methacrylate	9.153	69	146126	55.62	ug/l	95
57) 1,3-Dichloropropane	9.348	76	170462	51.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	374602	271.98	ug/l	95
59) 2-Hexanone	9.470	43	437091	266.03	ug/l	99
60) Dibromochloromethane	9.561	129	119120	52.05	ug/l	100
61) 1,2-Dibromoethane	9.653	107	114395	52.92	ug/l	100
64) Tetrachloroethene	9.317	164	121007	52.09	ug/l	98
65) Chlorobenzene	10.116	112	277599	51.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	108606	52.57	ug/l	99
67) Ethyl Benzene	10.232	91	484684	54.39	ug/l	99
68) m/p-Xylenes	10.341	106	379453	110.49	ug/l	99
69) o-Xylene	10.683	106	176239	55.70	ug/l	97
70) Styrene	10.695	104	307960	57.02	ug/l	99
71) Bromoform	10.835	173	86622	51.66	ug/l	97
73) Isopropylbenzene	11.000	105	480161	52.44	ug/l	99
74) N-amyl acetate	10.878	43	144721	44.91	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	150835	50.58	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	143847m	50.29	ug/l	
77) Bromobenzene	11.238	156	125059	50.98	ug/l	92
78) n-propylbenzene	11.341	91	553569	54.70	ug/l	98
79) 2-Chlorotoluene	11.402	91	329086	52.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	414423	54.02	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	49378	47.03	ug/l	99
82) 4-Chlorotoluene	11.494	91	391060	52.78	ug/l	98
83) tert-Butylbenzene	11.756	119	390389	52.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	417954	54.50	ug/l	99
85) sec-Butylbenzene	11.927	105	467120	54.32	ug/l	98
86) p-Isopropyltoluene	12.049	119	442764	55.45	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	231105	51.55	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	233123	50.72	ug/l	99
89) n-Butylbenzene	12.372	91	381208	55.17	ug/l	98
90) Hexachloroethane	12.579	117	75193	49.93	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	232595	52.54	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	34468	49.23	ug/l	95
93) 1,2,4-Trichlorobenzene	13.627	180	155779	52.79	ug/l	100
94) Hexachlorobutadiene	13.762	225	76493	50.76	ug/l	99
95) Naphthalene	13.816	128	484608	48.37	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	160052	53.33	ug/l	100

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

