

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021097.D
 Acq On : 09 Mar 2021 09:50
 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
 3/10/2021 1:43:16 PM

Quant Time: Mar 10 00:27:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	215312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	370913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	343025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	164699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	139422	47.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.88%			
35) Dibromofluoromethane	5.458	113	115156	51.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.20%			
50) Toluene-d8	8.694	98	449715	51.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.36%			
62) 4-Bromofluorobenzene	11.118	95	165531	50.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	107019	45.97	ug/l	98
3) Chloromethane	1.311	50	126296	48.82	ug/l	99
4) Vinyl Chloride	1.393	62	143786	48.28	ug/l	100
5) Bromomethane	1.622	94	51760	52.33	ug/l	100
6) Chloroethane	1.705	64	93518	50.19	ug/l	99
7) Trichlorofluoromethane	1.917	101	187457	49.86	ug/l	96
8) Diethyl Ether	2.164	74	85053	48.76	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.364	101	113707	49.10	ug/l	99
10) Methyl Iodide	2.493	142	150006	48.21	ug/l	97
11) Tert butyl alcohol	3.011	59	121982	188.35	ug/l	98
12) 1,1-Dichloroethene	2.352	96	114251	47.41	ug/l	98
13) Acrolein	2.270	56	94100	234.64	ug/l	97
14) Allyl chloride	2.705	41	181638	46.13	ug/l	98
15) Acrylonitrile	3.111	53	313965	227.20	ug/l	99
16) Acetone	2.417	43	330259	275.59	ug/l	98
17) Carbon Disulfide	2.552	76	309076	45.01	ug/l	99
18) Methyl Acetate	2.746	43	128368	45.29	ug/l	98
19) Methyl tert-butyl Ether	3.164	73	403447	46.87	ug/l	100
20) Methylene Chloride	2.834	84	134779	46.88	ug/l	98
21) trans-1,2-Dichloroethene	3.140	96	129206	47.73	ug/l	99
22) Diisopropyl ether	3.817	45	378809	47.84	ug/l	97
23) Vinyl Acetate	3.782	43	1570612	231.95	ug/l	99
24) 1,1-Dichloroethane	3.664	63	229753	49.26	ug/l	99
25) 2-Butanone	4.623	43	451472	248.00	ug/l	100
26) 2,2-Dichloropropane	4.546	77	195483	46.16	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	150207	48.16	ug/l	99
28) Bromochloromethane	4.976	49	100198	50.22	ug/l	99
29) Tetrahydrofuran	5.082	42	253116	216.62	ug/l	99
30) Chloroform	5.170	83	232273	49.43	ug/l	98
31) Cyclohexane	5.541	56	199718	47.43	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	199835	48.83	ug/l	99
36) 1,1-Dichloropropene	5.764	75	178598	50.66	ug/l	100
37) Ethyl Acetate	4.788	43	156078	46.54	ug/l	99
38) Carbon Tetrachloride	5.752	117	167712	49.10	ug/l	98
39) Methylcyclohexane	7.435	83	223487	50.56	ug/l	98
40) Benzene	6.105	78	530876	50.24	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	88557	46.94	ug/l	98
42) 1,2-Dichloroethane	6.158	62	185486	52.79	ug/l	100
43) Isopropyl Acetate	6.405	43	262816	46.07	ug/l	100
44) Trichloroethene	7.188	130	144350	51.95	ug/l	94
45) 1,2-Dichloropropane	7.488	63	136843	51.67	ug/l	100
46) Dibromomethane	7.635	93	91033	51.04	ug/l	99
47) Bromodichloromethane	7.870	83	191716	51.62	ug/l	99
48) Methyl methacrylate	7.741	41	137927	48.19	ug/l	99
49) 1,4-Dioxane	7.711	88	60277	902.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.617	43	797477	240.07	ug/l	100
52) Toluene	8.765	92	347863	52.86	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	216414	51.96	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	234616	51.42	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	138754	53.36	ug/l	98
56) Ethyl methacrylate	9.159	69	210187	49.93	ug/l	100
57) 1,3-Dichloropropane	9.353	76	233831	52.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	535448	260.13	ug/l	98
59) 2-Hexanone	9.470	43	629415	252.54	ug/l	100
60) Dibromochloromethane	9.565	129	150740	54.93	ug/l	97
61) 1,2-Dibromoethane	9.653	107	141404	51.87	ug/l	100
64) Tetrachloroethene	9.318	164	144900	58.53	ug/l	95
65) Chlorobenzene	10.118	112	377943	52.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.200	131	134628	50.53	ug/l	97
67) Ethyl Benzene	10.235	91	652330	49.80	ug/l	100
68) m/p-Xylenes	10.341	106	503841	104.54	ug/l	99
69) o-Xylene	10.682	106	242756	51.61	ug/l	96
70) Styrene	10.694	104	419127	51.94	ug/l	99
71) Bromoform	10.841	173	107621	52.27	ug/l #	100
73) Isopropylbenzene	11.000	105	648806	49.88	ug/l	99
74) N-amyl acetate	10.882	43	228835	43.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.253	83	190949	45.53	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	164570m	46.45	ug/l	
77) Bromobenzene	11.235	156	158169	52.25	ug/l	97
78) n-propylbenzene	11.341	91	738680	49.79	ug/l	99
79) 2-Chlorotoluene	11.406	91	427969	47.61	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	542005	50.07	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	69569	43.47	ug/l	94
82) 4-Chlorotoluene	11.494	91	508115	49.04	ug/l	100
83) tert-Butylbenzene	11.753	119	507393	48.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.788	105	535357	48.72	ug/l	98
85) sec-Butylbenzene	11.930	105	621108	50.05	ug/l	99
86) p-Isopropyltoluene	12.047	119	580331	51.02	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	283915	52.40	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	282582	51.19	ug/l	100
89) n-Butylbenzene	12.371	91	506713	49.90	ug/l	99
90) Hexachloroethane	12.577	117	102702	47.30	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	275137	52.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	40589	42.27	ug/l	98
93) 1,2,4-Trichlorobenzene	13.630	180	175151	51.62	ug/l	96
94) Hexachlorobutadiene	13.765	225	65192	47.97	ug/l	91
95) Naphthalene	13.818	128	575781	47.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	175954	52.23	ug/l	99

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

