

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020627.D
 Acq On : 14 Jan 2021 20:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 5:10:55 PM

Quant Time: Jan 15 05:13:43 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	5.629	168	185134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	291697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	272351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	141355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	110863	49.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.72%		
35) Dibromofluoromethane	5.465	113	95868	47.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.86%		
50) Toluene-d8	8.696	98	342528	47.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.72%		
62) 4-Bromofluorobenzene	11.122	95	131521	51.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.00%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	91642	50.18	ug/l	98
3) Chloromethane	1.313	50	85773	50.75	ug/l	98
4) Vinyl Chloride	1.392	62	98395	50.77	ug/l	99
5) Bromomethane	1.624	94	46042	35.18	ug/l	99
6) Chloroethane	1.703	64	64256	55.69	ug/l	99
7) Trichlorofluoromethane	1.910	101	158777	49.47	ug/l	96
8) Diethyl Ether	2.166	74	57723	50.48	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.361	101	89672	49.80	ug/l	96
10) Methyl Iodide	2.489	142	129204	51.45	ug/l	97
11) Tert butyl alcohol	3.014	59	103609	253.64	ug/l	99
12) 1,1-Dichloroethene	2.355	96	89456	50.61	ug/l	93
13) Acrolein	2.270	56	64236	208.41	ug/l	97
14) Allyl chloride	2.703	41	123370	50.24	ug/l	98
15) Acrylonitrile	3.111	53	256701	271.87	ug/l	100
16) Acetone	2.416	43	202327	266.52	ug/l	99
17) Carbon Disulfide	2.550	76	226811	46.54	ug/l	100
18) Methyl Acetate	2.745	43	106429	54.02	ug/l	96
19) Methyl tert-butyl Ether	3.160	73	309345	53.96	ug/l	97
20) Methylene Chloride	2.831	84	103104	49.08	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	99562	50.15	ug/l	95
22) Diisopropyl ether	3.818	45	266788	53.80	ug/l	97
23) Vinyl Acetate	3.782	43	1145285	270.62	ug/l	97
24) 1,1-Dichloroethane	3.666	63	166314	50.50	ug/l	99
25) 2-Butanone	4.629	43	317728	264.37	ug/l	95
26) 2,2-Dichloropropane	4.550	77	135557	44.25	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	113359	51.17	ug/l	95
28) Bromochloromethane	4.977	49	66475	49.57	ug/l	85
29) Tetrahydrofuran	5.080	42	206589	282.21	ug/l	95
30) Chloroform	5.172	83	183606	49.86	ug/l	98
31) Cyclohexane	5.550	56	136782	52.35	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	167282	50.51	ug/l	97
36) 1,1-Dichloropropene	5.769	75	130793	49.07	ug/l	98
37) Ethyl Acetate	4.788	43	122421	50.57	ug/l	99
38) Carbon Tetrachloride	5.751	117	144980	46.62	ug/l	97
39) Methylcyclohexane	7.440	83	152681	50.16	ug/l	95
40) Benzene	6.111	78	399231	49.84	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	66198	52.25	ug/l	95
42) 1,2-Dichloroethane	6.160	62	140796	49.30	ug/l	100
43) Isopropyl Acetate	6.409	43	194583	51.84	ug/l	98
44) Trichloroethene	7.184	130	114952	48.29	ug/l	97
45) 1,2-Dichloropropane	7.489	63	97787	49.76	ug/l	99
46) Dibromomethane	7.635	93	74145	49.70	ug/l	97
47) Bromodichloromethane	7.873	83	145448	47.76	ug/l	99
48) Methyl methacrylate	7.745	41	98430	53.95	ug/l	96
49) 1,4-Dioxane	7.714	88	45885	997.67	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	626983	269.34	ug/l	98
52) Toluene	8.763	92	256653	50.38	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	152911	49.30	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	165489	49.82	ug/l	94
55) 1,1,2-Trichloroethane	9.196	97	107106	49.76	ug/l	95
56) Ethyl methacrylate	9.159	69	153855	55.14	ug/l	95
57) 1,3-Dichloropropane	9.348	76	174975	50.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	364361	249.45	ug/l	94
59) 2-Hexanone	9.470	43	479259	274.63	ug/l	98
60) Dibromochloromethane	9.561	129	117713	48.42	ug/l	98
61) 1,2-Dibromoethane	9.653	107	116618	50.79	ug/l	100
64) Tetrachloroethene	9.317	164	117778	47.88	ug/l	98
65) Chlorobenzene	10.122	112	282179	49.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	109158	49.89	ug/l	98
67) Ethyl Benzene	10.232	91	491474	52.08	ug/l	100
68) m/p-Xylenes	10.342	106	379534	104.36	ug/l	100
69) o-Xylene	10.683	106	181299	54.11	ug/l	99
70) Styrene	10.695	104	311659	54.49	ug/l	99
71) Bromoform	10.842	173	91501	51.53	ug/l #	99
73) Isopropylbenzene	11.000	105	497630	52.21	ug/l	100
74) N-amyl acetate	10.878	43	169409	50.34	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	160705	51.77	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	151027m	50.72	ug/l	
77) Bromobenzene	11.238	156	130830	51.24	ug/l	91
78) n-propylbenzene	11.342	91	552538	52.45	ug/l	98
79) 2-Chlorotoluene	11.402	91	330821	50.90	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	420235	52.62	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	51352	46.99	ug/l	98
82) 4-Chlorotoluene	11.494	91	391799	50.80	ug/l	98
83) tert-Butylbenzene	11.756	119	408539	53.26	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	433612	54.31	ug/l	100
85) sec-Butylbenzene	11.927	105	487550	54.47	ug/l	99
86) p-Isopropyltoluene	12.049	119	450786	54.23	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	232874	49.90	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	235405	49.20	ug/l	99
89) n-Butylbenzene	12.372	91	389202	54.11	ug/l	99
90) Hexachloroethane	12.579	117	75462	48.13	ug/l	94
91) 1,2-Dichlorobenzene	12.372	146	230146	49.94	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	33991	46.64	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	140479	45.73	ug/l	100
94) Hexachlorobutadiene	13.762	225	65156	41.70	ug/l	96
95) Naphthalene	13.817	128	444206	43.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	142299	45.55	ug/l	98

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

