

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101220\
 Data File : VX018923.D
 Acq On : 12 Oct 2020 22:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:21 PM

Quant Time: Oct 13 05:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	370250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163172	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
35) Dibromofluoromethane	5.46	113	124460	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.70	98	443115	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.12	95	176565	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	136762	46.267	ug/l	97
3) Chloromethane	1.31	50	107648	45.823	ug/l	96
4) Vinyl Chloride	1.39	62	129519	49.321	ug/l	99
5) Bromomethane	1.63	94	89634	61.285	ug/l	98
6) Chloroethane	1.71	64	82939	47.156	ug/l	95
7) Trichlorofluoromethane	1.92	101	224692	43.408	ug/l	96
8) Diethyl Ether	2.17	74	72467	50.232	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	113161	45.519	ug/l	99
10) Methyl Iodide	2.50	142	119952	46.250	ug/l	95
11) Tert butyl alcohol	3.01	59	149568	256.883	ug/l	98
12) 1,1-Dichloroethene	2.35	96	113575	49.112	ug/l	97
13) Acrolein	2.28	56	109207	225.432	ug/l	99
14) Allyl chloride	2.71	41	197971	47.170	ug/l	94
15) Acrylonitrile	3.12	53	320157	259.270	ug/l	100
16) Acetone	2.42	43	307692	219.882	ug/l	98
17) Carbon Disulfide	2.55	76	321460	47.359	ug/l	100
18) Methyl Acetate	2.75	43	151623	49.339	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	386054	49.741	ug/l	99
20) Methylene Chloride	2.83	84	133365	50.572	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	128755	47.956	ug/l	99
22) Diisopropyl ether	3.82	45	363053	48.334	ug/l	94
23) Vinyl Acetate	3.79	43	1815048	251.253	ug/l	98
24) 1,1-Dichloroethane	3.67	63	234325	46.399	ug/l	99
25) 2-Butanone	4.63	43	485992	242.713	ug/l	100
26) 2,2-Dichloropropane	4.56	77	184266	37.817	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	143339	48.075	ug/l	95
28) Bromochloromethane	4.98	49	107157	48.102	ug/l	98
29) Tetrahydrofuran	5.09	42	275359	256.316	ug/l	98
30) Chloroform	5.18	83	253313	45.527	ug/l	97
31) Cyclohexane	5.55	56	170164	49.282	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	240390	45.463	ug/l	98
36) 1,1-Dichloropropene	5.77	75	180016	46.243	ug/l	99
37) Ethyl Acetate	4.79	43	192853	51.301	ug/l	100
38) Carbon Tetrachloride	5.76	117	221523	45.912	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	172020	47.937	ug/l	97
40) Benzene	6.12	78	512859	49.037	ug/l	99
41) Methacrylonitrile	5.00	41	105318	48.294	ug/l	99
42) 1,2-Dichloroethane	6.16	62	217451	44.349	ug/l	98
43) Isopropyl Acetate	6.41	43	302590	48.434	ug/l	98
44) Trichloroethene	7.19	130	148024	47.195	ug/l	97
45) 1,2-Dichloropropane	7.49	63	133086	48.092	ug/l	99
46) Dibromomethane	7.64	93	97138	47.499	ug/l	95
47) Bromodichloromethane	7.88	83	208061	46.949	ug/l	97
48) Methyl methacrylate	7.75	41	156902	49.495	ug/l	97
49) 1,4-Dioxane	7.71	88	40230	905.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	968551	265.617	ug/l	99
52) Toluene	8.77	92	335763	50.027	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	220171	47.981	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	229496	48.618	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	137877	47.826	ug/l	97
56) Ethyl methacrylate	9.16	69	203476	48.446	ug/l	97
57) 1,3-Dichloropropane	9.35	76	235276	50.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	554279	265.737	ug/l	99
59) 2-Hexanone	9.47	43	741519	266.912	ug/l	99
60) Dibromochloromethane	9.57	129	176140	48.672	ug/l	98
61) 1,2-Dibromoethane	9.65	107	151370	48.962	ug/l	99
64) Tetrachloroethene	9.32	164	133243	50.801	ug/l	94
65) Chlorobenzene	10.12	112	368708	47.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156102	48.726	ug/l	97
67) Ethyl Benzene	10.23	91	654905	49.991	ug/l	100
68) m/p-Xylenes	10.34	106	495580	99.570	ug/l	99
69) o-Xylene	10.68	106	236712	50.479	ug/l	97
70) Styrene	10.69	104	412593	51.972	ug/l	98
71) Bromoform	10.84	173	140797	50.811	ug/l #	98
73) Isopropylbenzene	11.00	105	655761	50.882	ug/l	100
74) N-amyl acetate	10.88	43	273411	53.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209658	48.808	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	204729m	48.227	ug/l	
77) Bromobenzene	11.24	156	184104	52.003	ug/l	96
78) n-propylbenzene	11.34	91	740169	50.401	ug/l	100
79) 2-Chlorotoluene	11.40	91	453800	49.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	569883	51.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	70005	46.734	ug/l	92
82) 4-Chlorotoluene	11.49	91	545437	50.110	ug/l	100
83) tert-Butylbenzene	11.76	119	561299	50.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	571793	51.023	ug/l	100
85) sec-Butylbenzene	11.93	105	631927	50.809	ug/l	98
86) p-Isopropyltoluene	12.05	119	599195	50.782	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320989	49.369	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322271	48.934	ug/l	98
89) n-Butylbenzene	12.37	91	508802	49.630	ug/l	100
90) Hexachloroethane	12.58	117	97982	44.667	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	302696	48.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51426	46.810	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217575	54.798	ug/l	94
94) Hexachlorobutadiene	13.77	225	100298	56.872	ug/l	95
95) Naphthalene	13.82	128	643055	48.602	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	205247	52.835	ug/l	96

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

