

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010921.D
 Acq On : 16 Jul 2019 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:24 PM

Quant Time: Jul 17 05:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	173655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122333	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	107415	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	8.71	98	403151	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.13	95	153917	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133368	53.380	ug/l	99
3) Chloromethane	1.32	50	114661	53.252	ug/l	97
4) Vinyl Chloride	1.41	62	119278	54.310	ug/l	99
5) Bromomethane	1.64	94	61901	50.016	ug/l	99
6) Chloroethane	1.71	64	70285	50.359	ug/l	96
7) Trichlorofluoromethane	1.93	101	193690	52.100	ug/l	99
8) Diethyl Ether	2.19	74	64427	50.298	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107985	50.871	ug/l	99
10) Methyl Iodide	2.51	142	145589	52.265	ug/l	100
11) Tert butyl alcohol	3.05	59	149657	257.978	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108830	52.182	ug/l	97
13) Acrolein	2.29	56	78024	232.789	ug/l	98
14) Allyl chloride	2.73	41	159566	52.673	ug/l	99
15) Acrylonitrile	3.14	53	300462	256.316	ug/l	99
16) Acetone	2.45	43	255266	226.898	ug/l	98
17) Carbon Disulfide	2.57	76	283523	52.997	ug/l	99
18) Methyl Acetate	2.78	43	127810	49.892	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	357770	53.288	ug/l	99
20) Methylene Chloride	2.85	84	121019	50.759	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113093	51.106	ug/l	100
22) Diisopropyl ether	3.85	45	330842	51.782	ug/l	97
23) Vinyl Acetate	3.81	43	1476429	272.731	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192897	51.986	ug/l	99
25) 2-Butanone	4.67	43	417607	258.586	ug/l	98
26) 2,2-Dichloropropane	4.59	77	142563	46.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133387	52.083	ug/l	97
28) Bromochloromethane	5.01	49	81451	46.583	ug/l	99
29) Tetrahydrofuran	5.13	42	268039	262.018	ug/l	100
30) Chloroform	5.21	83	208362	51.952	ug/l	100
31) Cyclohexane	5.58	56	175572	51.912	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	185732	53.527	ug/l	100
36) 1,1-Dichloropropene	5.80	75	150117	50.975	ug/l	99
37) Ethyl Acetate	4.83	43	156673	51.956	ug/l	99
38) Carbon Tetrachloride	5.79	117	164067	53.464	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	193888	50.769	ug/l	99
40) Benzene	6.14	78	456745	50.632	ug/l	100
41) Methacrylonitrile	5.04	41	87249	50.968	ug/l	96
42) 1,2-Dichloroethane	6.19	62	162528	51.818	ug/l	99
43) Isopropyl Acetate	6.44	43	261624	52.764	ug/l	99
44) Trichloroethene	7.21	130	132174	49.499	ug/l	94
45) 1,2-Dichloropropane	7.51	63	115482	50.297	ug/l	99
46) Dibromomethane	7.66	93	84664	51.604	ug/l	99
47) Bromodichloromethane	7.90	83	155542	53.259	ug/l	97
48) Methyl methacrylate	7.77	41	128529	53.210	ug/l	97
49) 1,4-Dioxane	7.74	88	66422	983.053	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	844961	262.881	ug/l	100
52) Toluene	8.78	92	297258	50.161	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	168539	53.671	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	182736	52.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124460	51.007	ug/l	98
56) Ethyl methacrylate	9.18	69	193555	54.229	ug/l	99
57) 1,3-Dichloropropane	9.37	76	195861	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	453314	266.060	ug/l	100
59) 2-Hexanone	9.49	43	657383	263.690	ug/l	100
60) Dibromochloromethane	9.58	129	136452	48.662	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134659	52.001	ug/l	99
64) Tetrachloroethene	9.34	164	123961	47.771	ug/l	98
65) Chlorobenzene	10.13	112	336261	49.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	126256	53.025	ug/l	99
67) Ethyl Benzene	10.25	91	596128	51.695	ug/l	99
68) m/p-Xylenes	10.36	106	456263	103.147	ug/l	100
69) o-Xylene	10.69	106	219625	50.874	ug/l	97
70) Styrene	10.71	104	380539	52.878	ug/l	99
71) Bromoform	10.85	173	104210	48.166	ug/l #	99
73) Isopropylbenzene	11.02	105	591741	50.430	ug/l	100
74) N-amyl acetate	10.90	43	237772	53.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194958	50.771	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164577m	52.518	ug/l	
77) Bromobenzene	11.26	156	161188	49.802	ug/l	97
78) n-propylbenzene	11.36	91	667017	51.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	396562	50.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	502636	51.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57045	46.429	ug/l	97
82) 4-Chlorotoluene	11.51	91	463587	51.142	ug/l	100
83) tert-Butylbenzene	11.77	119	494679	51.364	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	515844	52.199	ug/l	100
85) sec-Butylbenzene	11.94	105	583868	51.740	ug/l	99
86) p-Isopropyltoluene	12.06	119	541219	51.877	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284113	50.582	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285330	49.531	ug/l	100
89) n-Butylbenzene	12.38	91	463523	51.933	ug/l	100
90) Hexachloroethane	12.59	117	89207	54.212	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280997	50.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43714	54.460	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190590	50.519	ug/l	99
94) Hexachlorobutadiene	13.78	225	90814	48.576	ug/l	100
95) Naphthalene	13.83	128	595288	53.435	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188567	50.235	ug/l	98

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

