

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071019\
 Data File : VX010792.D
 Acq On : 10 Jul 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 10:54:17 AM

Quant Time: Jul 11 03:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93331	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.50	113	89191	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	325913	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.13	95	125629	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80722	57.677	ug/l	100
3) Chloromethane	1.32	50	89207	54.739	ug/l	99
4) Vinyl Chloride	1.41	62	94582	52.987	ug/l	100
5) Bromomethane	1.64	94	50745	58.353	ug/l	98
6) Chloroethane	1.71	64	59893	56.872	ug/l	99
7) Trichlorofluoromethane	1.92	101	161703	57.146	ug/l	98
8) Diethyl Ether	2.19	74	57828	56.987	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90160	52.578	ug/l	98
10) Methyl Iodide	2.51	142	124310	50.796	ug/l	96
11) Tert butyl alcohol	3.06	59	116766	236.423	ug/l	98
12) 1,1-Dichloroethene	2.37	96	91939	52.691	ug/l	98
13) Acrolein	2.29	56	72865	222.400	ug/l	100
14) Allyl chloride	2.73	41	132049	53.305	ug/l	98
15) Acrylonitrile	3.14	53	270825	276.964	ug/l	100
16) Acetone	2.45	43	217596	230.033	ug/l	96
17) Carbon Disulfide	2.57	76	219135	46.811	ug/l	99
18) Methyl Acetate	2.78	43	108030	57.301	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	296864	54.081	ug/l	99
20) Methylene Chloride	2.85	84	105067	53.972	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96521	51.433	ug/l	100
22) Diisopropyl ether	3.85	45	286458	55.308	ug/l	98
23) Vinyl Acetate	3.82	43	1262051	282.061	ug/l	98
24) 1,1-Dichloroethane	3.70	63	162379	54.238	ug/l	99
25) 2-Butanone	4.68	43	366309	263.994	ug/l	99
26) 2,2-Dichloropropane	4.58	77	112155	43.124	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112683	51.961	ug/l	99
28) Bromochloromethane	5.02	49	70640	49.350	ug/l	95
29) Tetrahydrofuran	5.13	42	239996	279.238	ug/l	98
30) Chloroform	5.21	83	173116	53.743	ug/l	100
31) Cyclohexane	5.57	56	143296	52.560	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	151927	53.414	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124571	51.033	ug/l	98
37) Ethyl Acetate	4.84	43	136352	54.297	ug/l	99
38) Carbon Tetrachloride	5.78	117	131903	49.901	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156779	48.862	ug/l	97
40) Benzene	6.14	78	393321	51.720	ug/l	98
41) Methacrylonitrile	5.04	41	74962	54.405	ug/l	98
42) 1,2-Dichloroethane	6.19	62	129082	55.761	ug/l	98
43) Isopropyl Acetate	6.45	43	221746	53.372	ug/l	98
44) Trichloroethene	7.21	130	113008	49.661	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99206	51.658	ug/l	99
46) Dibromomethane	7.66	93	73022	52.996	ug/l	95
47) Bromodichloromethane	7.90	83	128076	50.721	ug/l	97
48) Methyl methacrylate	7.77	41	108025	55.937	ug/l	97
49) 1,4-Dioxane	7.74	88	58666	1054.528	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	747496	281.308	ug/l	98
52) Toluene	8.79	92	257326	51.382	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139669	49.335	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155907	50.677	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	109881	53.200	ug/l	99
56) Ethyl methacrylate	9.18	69	167330	53.479	ug/l	96
57) 1,3-Dichloropropane	9.37	76	169410	52.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	355372	239.149	ug/l	99
59) 2-Hexanone	9.49	43	577603	276.190	ug/l	98
60) Dibromochloromethane	9.58	129	115868	50.103	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117172	52.557	ug/l	99
64) Tetrachloroethene	9.34	164	102815	44.723	ug/l	98
65) Chlorobenzene	10.13	112	292423	50.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106765	50.795	ug/l	100
67) Ethyl Benzene	10.25	91	506855	52.030	ug/l	99
68) m/p-Xylenes	10.36	106	391968	103.843	ug/l	99
69) o-Xylene	10.69	106	189975	51.179	ug/l	98
70) Styrene	10.71	104	330166	53.037	ug/l	99
71) Bromoform	10.85	173	87912	48.096	ug/l #	99
73) Isopropylbenzene	11.02	105	507621	48.264	ug/l	99
74) N-amyl acetate	10.90	43	214097	53.864	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	176542	50.685	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	141326m	49.986	ug/l	
77) Bromobenzene	11.26	156	139660	47.555	ug/l	99
78) n-propylbenzene	11.36	91	573449	49.610	ug/l	99
79) 2-Chlorotoluene	11.42	91	338364	49.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	431929	49.816	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	49173	40.574	ug/l	89
82) 4-Chlorotoluene	11.51	91	392596	50.125	ug/l	100
83) tert-Butylbenzene	11.77	119	426754	49.039	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	435072	49.945	ug/l	100
85) sec-Butylbenzene	11.94	105	504746	49.399	ug/l	99
86) p-Isopropyltoluene	12.06	119	465622	49.266	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	247593	48.298	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245345	47.011	ug/l	99
89) n-Butylbenzene	12.38	91	394727	49.150	ug/l	99
90) Hexachloroethane	12.60	117	74013	45.289	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	244966	48.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36184	48.182	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	165550	46.855	ug/l	99
94) Hexachlorobutadiene	13.78	225	80343	46.526	ug/l	99
95) Naphthalene	13.83	128	535947	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168882	48.074	ug/l	99

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

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