

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010631.D
 Acq On : 02 Jul 2019 20:41
 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
 7/3/2019 9:30:00 AM

Quant Time: Jul 03 04:11:45 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	218449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110827	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	5.50	113	107054	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	8.71	98	393295	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.13	95	149668	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68791	45.295	ug/l	100
3) Chloromethane	1.32	50	74108	41.905	ug/l	98
4) Vinyl Chloride	1.41	62	85897	44.346	ug/l	98
5) Bromomethane	1.64	94	36814	39.012	ug/l	100
6) Chloroethane	1.71	64	59539	52.100	ug/l	97
7) Trichlorofluoromethane	1.92	101	158807	51.719	ug/l	99
8) Diethyl Ether	2.19	74	56939	51.708	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91563	49.206	ug/l	99
10) Methyl Iodide	2.51	142	89747	33.795	ug/l	98
11) Tert butyl alcohol	3.05	59	134763	251.451	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90667	47.884	ug/l	100
13) Acrolein	2.29	56	94624	266.149	ug/l	99
14) Allyl chloride	2.73	41	134840	50.160	ug/l	98
15) Acrylonitrile	3.14	53	282286	266.031	ug/l	100
16) Acetone	2.45	43	225562	219.742	ug/l	98
17) Carbon Disulfide	2.57	76	206043	40.560	ug/l	98
18) Methyl Acetate	2.78	43	112878	55.174	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312215	52.414	ug/l	99
20) Methylene Chloride	2.85	84	106616	50.470	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95868	47.076	ug/l	98
22) Diisopropyl ether	3.86	45	296752	52.799	ug/l	89
23) Vinyl Acetate	3.81	43	1304942	268.761	ug/l	98
24) 1,1-Dichloroethane	3.70	63	167976	51.704	ug/l	99
25) 2-Butanone	4.67	43	381490	253.360	ug/l	99
26) 2,2-Dichloropropane	4.58	77	120085	42.550	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	118291	50.267	ug/l	99
28) Bromochloromethane	5.01	49	77111	49.643	ug/l	95
29) Tetrahydrofuran	5.13	42	243673	261.268	ug/l	99
30) Chloroform	5.21	83	181967	52.057	ug/l	99
31) Cyclohexane	5.58	56	141379	47.788	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	159430	51.654	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126435	48.986	ug/l	99
37) Ethyl Acetate	4.84	43	143604	54.083	ug/l	99
38) Carbon Tetrachloride	5.79	117	137400	49.161	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157336	46.375	ug/l	97
40) Benzene	6.14	78	405380	50.413	ug/l	98
41) Methacrylonitrile	5.04	41	80160	55.021	ug/l	97
42) 1,2-Dichloroethane	6.19	62	134477	54.939	ug/l	98
43) Isopropyl Acetate	6.45	43	234164	53.303	ug/l	98
44) Trichloroethene	7.21	130	117325	48.761	ug/l	100
45) 1,2-Dichloropropane	7.51	63	104140	51.285	ug/l	97
46) Dibromomethane	7.66	93	75103	51.549	ug/l	97
47) Bromodichloromethane	7.90	83	139646	52.302	ug/l	99
48) Methyl methacrylate	7.77	41	113132	55.403	ug/l	99
49) 1,4-Dioxane	7.74	88	59756	1015.844	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	782177	278.389	ug/l	98
52) Toluene	8.78	92	266312	50.291	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	150494	50.275	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163789	50.350	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114399	52.382	ug/l	99
56) Ethyl methacrylate	9.18	69	177273	53.583	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179944	53.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	388047	246.970	ug/l	99
59) 2-Hexanone	9.49	43	604131	273.202	ug/l	98
60) Dibromochloromethane	9.58	129	124701	50.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122878	52.127	ug/l	99
64) Tetrachloroethene	9.34	164	108377	44.467	ug/l	99
65) Chlorobenzene	10.13	112	304643	49.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113865	51.099	ug/l	99
67) Ethyl Benzene	10.25	91	523230	50.663	ug/l	98
68) m/p-Xylenes	10.36	106	404990	101.203	ug/l	98
69) o-Xylene	10.69	106	200567	50.966	ug/l	100
70) Styrene	10.71	104	345000	52.275	ug/l	99
71) Bromoform	10.85	173	96784	49.945	ug/l #	100
73) Isopropylbenzene	11.02	105	530233	49.502	ug/l	98
74) N-amyl acetate	10.90	43	218553	53.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184779	52.090	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	150226m	52.172	ug/l	
77) Bromobenzene	11.26	156	145399	48.613	ug/l	97
78) n-propylbenzene	11.36	91	598629	50.851	ug/l	99
79) 2-Chlorotoluene	11.42	91	355133	50.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	451303	51.109	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	54646	44.274	ug/l	94
82) 4-Chlorotoluene	11.51	91	410732	51.491	ug/l	100
83) tert-Butylbenzene	11.77	119	450247	50.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	456719	51.481	ug/l	100
85) sec-Butylbenzene	11.94	105	530071	50.938	ug/l	100
86) p-Isopropyltoluene	12.06	119	489980	50.905	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	261518	50.091	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	262013	49.296	ug/l	99
89) n-Butylbenzene	12.38	91	419885	51.336	ug/l	99
90) Hexachloroethane	12.60	117	80584	48.418	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	258105	49.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38285	50.057	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	179954	50.009	ug/l	99
94) Hexachlorobutadiene	13.78	225	85044	48.357	ug/l	99
95) Naphthalene	13.83	128	568343	51.396	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181448	50.716	ug/l	99

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

