

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011019\
 Data File : VX006981.D
 Acq On : 10 Jan 2019 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 11:41:40 AM

Quant Time: Jan 11 07:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	604620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	868970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	783343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	407114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	319689	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	292667	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	1066840	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.13	95	381146	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	292107	58.832	ug/l	100
3) Chloromethane	1.33	50	298734	51.684	ug/l	99
4) Vinyl Chloride	1.41	62	331921	53.384	ug/l	99
5) Bromomethane	1.64	94	329629	49.621	ug/l	99
6) Chloroethane	1.71	64	208968	48.133	ug/l	98
7) Trichlorofluoromethane	1.93	101	534918	53.246	ug/l	98
8) Diethyl Ether	2.19	74	196482	49.160	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	321770	53.498	ug/l	99
10) Methyl Iodide	2.51	142	469147	57.825	ug/l	100
11) Tert butyl alcohol	3.07	59	375541	251.946	ug/l	100
12) 1,1-Dichloroethene	2.37	96	293268	52.775	ug/l	99
13) Acrolein	2.29	56	148541	231.298	ug/l	98
14) Allyl chloride	2.73	41	502375	52.751	ug/l	100
15) Acrylonitrile	3.15	53	884537	258.501	ug/l	99
16) Acetone	2.45	43	861964	275.934	ug/l	99
17) Carbon Disulfide	2.57	76	740449	51.755	ug/l	99
18) Methyl Acetate	2.78	43	457351	50.556	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	989112	51.283	ug/l	99
20) Methylene Chloride	2.86	84	316716	53.343	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	310475	50.136	ug/l	97
22) Diisopropyl ether	3.87	45	933307	52.128	ug/l	99
23) Vinyl Acetate	3.82	43	4152868	275.044	ug/l	99
24) 1,1-Dichloroethane	3.70	63	546041	54.542	ug/l	99
25) 2-Butanone	4.70	43	1188156	265.823	ug/l	100
26) 2,2-Dichloropropane	4.58	77	423661	55.033	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	345944	50.646	ug/l	97
28) Bromochloromethane	5.02	49	227507	51.868	ug/l	97
29) Tetrahydrofuran	5.15	42	748389	257.642	ug/l	98
30) Chloroform	5.21	83	549521	52.426	ug/l	100
31) Cyclohexane	5.57	56	476228	53.446	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	481175	54.159	ug/l	99
36) 1,1-Dichloropropene	5.80	75	413787	54.770	ug/l	100
37) Ethyl Acetate	4.85	43	437091	53.964	ug/l	98
38) Carbon Tetrachloride	5.78	117	429018	56.441	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	536387	55.691	ug/l	97
40) Benzene	6.14	78	1232358	53.459	ug/l	98
41) Methacrylonitrile	5.06	41	242965	52.071	ug/l	98
42) 1,2-Dichloroethane	6.20	62	409166	51.364	ug/l	100
43) Isopropyl Acetate	6.46	43	700545	54.833	ug/l	98
44) Trichloroethene	7.21	130	367379	53.182	ug/l	96
45) 1,2-Dichloropropane	7.51	63	307754	53.102	ug/l	98
46) Dibromomethane	7.66	93	217113	53.304	ug/l	96
47) Bromodichloromethane	7.90	83	394679	56.928	ug/l	97
48) Methyl methacrylate	7.77	41	351362	53.553	ug/l	97
49) 1,4-Dioxane	7.75	88	166017	1108.949	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2232406	271.891	ug/l	99
52) Toluene	8.78	92	795058	53.660	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	447420	58.199	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	486977	57.359	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	328300	55.357	ug/l	98
56) Ethyl methacrylate	9.18	69	478995	55.325	ug/l	96
57) 1,3-Dichloropropane	9.37	76	522300	53.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1255281	281.991	ug/l	98
59) 2-Hexanone	9.49	43	1748177	279.396	ug/l	98
60) Dibromochloromethane	9.59	129	348185	60.462	ug/l	99
61) 1,2-Dibromoethane	9.67	107	357847	54.810	ug/l	100
64) Tetrachloroethene	9.34	164	366919	54.102	ug/l	97
65) Chlorobenzene	10.14	112	908798	53.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	330474	57.499	ug/l	100
67) Ethyl Benzene	10.25	91	1520837	53.920	ug/l	99
68) m/p-Xylenes	10.36	106	1208952	108.792	ug/l	99
69) o-Xylene	10.70	106	581939	53.697	ug/l	98
70) Styrene	10.71	104	939188	54.717	ug/l	99
71) Bromoform	10.86	173	257999	50.158	ug/l	100
73) Isopropylbenzene	11.02	105	1572428	54.775	ug/l	99
74) N-amyl acetate	10.90	43	618416	53.505	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	471133	51.696	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	445857m	54.043	ug/l	
77) Bromobenzene	11.26	156	411597	52.036	ug/l	99
78) n-propylbenzene	11.36	91	1768573	56.120	ug/l	99
79) 2-Chlorotoluene	11.42	91	1015355	53.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1300285	54.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	141497	51.627	ug/l	98
82) 4-Chlorotoluene	11.51	91	1190777	54.213	ug/l	100
83) tert-Butylbenzene	11.77	119	1310754	54.769	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1325811	54.965	ug/l	100
85) sec-Butylbenzene	11.94	105	1582755	55.376	ug/l	100
86) p-Isopropyltoluene	12.07	119	1430226	55.943	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	753929	52.733	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	758163	55.952	ug/l	99
89) n-Butylbenzene	12.39	91	1256766	57.666	ug/l	99
90) Hexachloroethane	12.60	117	224457	54.705	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	739420	52.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	99495	55.200	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	535899	55.362	ug/l	98
94) Hexachlorobutadiene	13.78	225	245603	57.176	ug/l	98
95) Naphthalene	13.83	128	1599209	54.521	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521499	54.233	ug/l	99

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

