

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012919\
 Data File : VX007277.D
 Acq On : 29 Jan 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:17:51 AM

Quant Time: Jan 30 01:10:14 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	5.67	168	440986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	637638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	594784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	313415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	234206	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.50	113	215372	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	8.71	98	783598	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.13	95	284180	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	162007	44.736	ug/l	99
3) Chloromethane	1.33	50	196516	46.615	ug/l	98
4) Vinyl Chloride	1.41	62	207471	45.750	ug/l	100
5) Bromomethane	1.64	94	214469	44.265	ug/l	98
6) Chloroethane	1.71	64	139373	44.015	ug/l	98
7) Trichlorofluoromethane	1.93	101	350752	47.869	ug/l	100
8) Diethyl Ether	2.19	74	139980	48.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	211265	48.159	ug/l	98
10) Methyl Iodide	2.51	142	309468	52.298	ug/l	99
11) Tert butyl alcohol	3.08	59	249210	229.231	ug/l	99
12) 1,1-Dichloroethene	2.37	96	189003	46.633	ug/l	97
13) Acrolein	2.29	56	124986	266.362	ug/l	99
14) Allyl chloride	2.73	41	343231	49.414	ug/l	99
15) Acrylonitrile	3.15	53	626156	250.892	ug/l	99
16) Acetone	2.45	43	616478	270.577	ug/l	99
17) Carbon Disulfide	2.57	76	399691	38.304	ug/l	99
18) Methyl Acetate	2.78	43	357170	54.133	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	712892	50.677	ug/l	98
20) Methylene Chloride	2.86	84	228346	52.724	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	206120	45.636	ug/l	99
22) Diisopropyl ether	3.87	45	665470	50.961	ug/l	99
23) Vinyl Acetate	3.82	43	2729441	247.848	ug/l	99
24) 1,1-Dichloroethane	3.70	63	380547	52.116	ug/l	97
25) 2-Butanone	4.70	43	829293	254.382	ug/l	97
26) 2,2-Dichloropropane	4.59	77	285802	50.901	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	236007	47.372	ug/l	97
28) Bromochloromethane	5.02	49	154320	48.237	ug/l	96
29) Tetrahydrofuran	5.15	42	519493	245.204	ug/l	97
30) Chloroform	5.21	83	390117	51.029	ug/l	99
31) Cyclohexane	5.58	56	294923	45.380	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	327049	50.471	ug/l	98
36) 1,1-Dichloropropene	5.80	75	267005	48.163	ug/l	99
37) Ethyl Acetate	4.85	43	304056	51.159	ug/l	98
38) Carbon Tetrachloride	5.78	117	289221	51.853	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	323885	45.828	ug/l	96
40) Benzene	6.14	78	842456	49.803	ug/l	100
41) Methacrylonitrile	5.06	41	169543	49.518	ug/l	98
42) 1,2-Dichloroethane	6.20	62	296116	50.658	ug/l	100
43) Isopropyl Acetate	6.46	43	498918	53.219	ug/l	98
44) Trichloroethene	7.21	130	246259	48.582	ug/l	99
45) 1,2-Dichloropropane	7.51	63	223587	52.576	ug/l	98
46) Dibromomethane	7.66	93	156092	52.226	ug/l	98
47) Bromodichloromethane	7.90	83	282605	55.551	ug/l	98
48) Methyl methacrylate	7.77	41	254975	52.961	ug/l	97
49) 1,4-Dioxane	7.75	88	106850	971.603	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1645041	273.042	ug/l	99
52) Toluene	8.78	92	558958	51.411	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	314360	55.726	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	340747	54.696	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	246296	56.597	ug/l	98
56) Ethyl methacrylate	9.18	69	348866	54.914	ug/l	96
57) 1,3-Dichloropropane	9.37	76	387735	54.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	884658	270.833	ug/l	98
59) 2-Hexanone	9.49	43	1269475	276.496	ug/l	98
60) Dibromochloromethane	9.58	129	251684	59.560	ug/l	98
61) 1,2-Dibromoethane	9.67	107	257827	53.817	ug/l	100
64) Tetrachloroethene	9.34	164	257467	49.999	ug/l	97
65) Chlorobenzene	10.14	112	652363	50.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	242266	55.515	ug/l	99
67) Ethyl Benzene	10.25	91	1077454	50.310	ug/l	100
68) m/p-Xylenes	10.36	106	853755	101.184	ug/l	100
69) o-Xylene	10.69	106	418201	50.822	ug/l	97
70) Styrene	10.71	104	682734	52.386	ug/l	99
71) Bromoform	10.86	173	189880	48.763	ug/l	99
73) Isopropylbenzene	11.02	105	1117086	50.547	ug/l	99
74) N-amyl acetate	10.90	43	450343	50.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	348234	49.634	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	330380m	52.018	ug/l	
77) Bromobenzene	11.26	156	300779	49.394	ug/l	99
78) n-propylbenzene	11.36	91	1257790	51.844	ug/l	99
79) 2-Chlorotoluene	11.42	91	724454	49.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	912210	49.398	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102545	48.822	ug/l	97
82) 4-Chlorotoluene	11.51	91	859648	50.838	ug/l	99
83) tert-Butylbenzene	11.77	119	913500	49.581	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	941519	50.702	ug/l	100
85) sec-Butylbenzene	11.94	105	1129205	51.319	ug/l	100
86) p-Isopropyltoluene	12.06	119	1008101	51.220	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	543269	49.359	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	543041	52.067	ug/l	99
89) n-Butylbenzene	12.39	91	872423	51.998	ug/l	99
90) Hexachloroethane	12.60	117	156440	49.801	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	537619	49.496	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74395	53.614	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	381441	51.186	ug/l	98
94) Hexachlorobutadiene	13.78	225	182074	55.058	ug/l	97
95) Naphthalene	13.83	128	1164343	51.563	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	382093	51.615	ug/l	99

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

