

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030619\
 Data File : VX007872.D
 Acq On : 06 Mar 2019 20:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:45 AM

Quant Time: Mar 07 08:52:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160602	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.51	113	141710	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.71	98	534150	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	186156	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122514	47.411	ug/l	99
3) Chloromethane	1.33	50	153576	46.117	ug/l	99
4) Vinyl Chloride	1.41	62	156916	47.423	ug/l	100
5) Bromomethane	1.64	94	73069	46.988	ug/l	98
6) Chloroethane	1.72	64	102398	46.583	ug/l	99
7) Trichlorofluoromethane	1.93	101	202541	47.014	ug/l	100
8) Diethyl Ether	2.19	74	87890	47.113	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123558	46.282	ug/l	99
10) Methyl Iodide	2.51	142	189528	50.042	ug/l	100
11) Tert butyl alcohol	3.08	59	167530	234.785	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120459	46.810	ug/l	99
13) Acrolein	2.30	56	87184	216.118	ug/l	99
14) Allyl chloride	2.73	41	248897	46.028	ug/l	100
15) Acrylonitrile	3.15	53	418748	232.501	ug/l	99
16) Acetone	2.45	43	347990	188.429	ug/l	98
17) Carbon Disulfide	2.57	76	373164	47.731	ug/l	99
18) Methyl Acetate	2.78	43	187907	47.894	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419623	47.399	ug/l	99
20) Methylene Chloride	2.86	84	136299	46.373	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	129676	45.797	ug/l	98
22) Diisopropyl ether	3.87	45	475142	47.934	ug/l	99
23) Vinyl Acetate	3.82	43	2073920	238.587	ug/l	100
24) 1,1-Dichloroethane	3.70	63	251643	47.174	ug/l	99
25) 2-Butanone	4.70	43	584519	223.561	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148917	42.137	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151279	46.689	ug/l	99
28) Bromochloromethane	5.02	49	120148	48.312	ug/l	99
29) Tetrahydrofuran	5.15	42	390840	239.649	ug/l	100
30) Chloroform	5.21	83	238977	47.360	ug/l	100
31) Cyclohexane	5.57	56	234166	47.763	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	201680	48.172	ug/l	98
36) 1,1-Dichloropropene	5.80	75	183205	45.935	ug/l	100
37) Ethyl Acetate	4.85	43	222353	46.979	ug/l	100
38) Carbon Tetrachloride	5.78	117	179183	47.322	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230866	47.770	ug/l	99
40) Benzene	6.14	78	566570	47.717	ug/l	100
41) Methacrylonitrile	5.06	41	124087	48.088	ug/l	99
42) 1,2-Dichloroethane	6.20	62	182743	47.062	ug/l	100
43) Isopropyl Acetate	6.46	43	339576	48.479	ug/l	100
44) Trichloroethene	7.21	130	152071	46.474	ug/l	100
45) 1,2-Dichloropropane	7.52	63	149891	47.796	ug/l	99
46) Dibromomethane	7.66	93	93427	47.075	ug/l	99
47) Bromodichloromethane	7.90	83	180010	47.839	ug/l	100
48) Methyl methacrylate	7.77	41	178925	48.584	ug/l	99
49) 1,4-Dioxane	7.75	88	72059	952.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1093952	242.846	ug/l	100
52) Toluene	8.79	92	349838	48.259	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194025	49.403	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	217759	49.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	142505	48.561	ug/l	99
56) Ethyl methacrylate	9.18	69	221118	50.185	ug/l	100
57) 1,3-Dichloropropane	9.37	76	237705	48.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	585147	256.739	ug/l	100
59) 2-Hexanone	9.49	43	818374	233.997	ug/l	100
60) Dibromochloromethane	9.58	129	151213	49.299	ug/l	100
61) 1,2-Dibromoethane	9.67	107	150392	48.270	ug/l	100
64) Tetrachloroethene	9.33	164	146747	45.347	ug/l	99
65) Chlorobenzene	10.14	112	380509	46.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139050	47.478	ug/l	99
67) Ethyl Benzene	10.25	91	647867	48.164	ug/l	100
68) m/p-Xylenes	10.36	106	497416	95.937	ug/l	100
69) o-Xylene	10.70	106	240600	48.066	ug/l	99
70) Styrene	10.71	104	397313	48.505	ug/l	99
71) Bromoform	10.86	173	118356	47.058	ug/l #	100
73) Isopropylbenzene	11.02	105	647076	49.597	ug/l	100
74) N-amyl acetate	10.90	43	292005	49.026	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208786	46.394	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199050m	49.172	ug/l	
77) Bromobenzene	11.26	156	168452	47.094	ug/l	98
78) n-propylbenzene	11.36	91	723212	49.967	ug/l	100
79) 2-Chlorotoluene	11.42	91	421250	47.601	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	531451	49.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59842	47.254	ug/l	98
82) 4-Chlorotoluene	11.51	91	488042	48.122	ug/l	100
83) tert-Butylbenzene	11.77	119	526696	48.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	540377	49.090	ug/l	99
85) sec-Butylbenzene	11.94	105	632001	49.611	ug/l	100
86) p-Isopropyltoluene	12.06	119	570817	50.033	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	298707	47.203	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	296217	45.708	ug/l	99
89) n-Butylbenzene	12.39	91	482156	49.883	ug/l	99
90) Hexachloroethane	12.60	117	92998	48.753	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	294321	46.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44368	47.174	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211673	47.930	ug/l	99
94) Hexachlorobutadiene	13.78	225	108479	46.982	ug/l	99
95) Naphthalene	13.83	128	633424	49.779	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	209971	47.728	ug/l	99

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

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