

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007431.D
 Acq On : 07 Feb 2019 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:28:05 PM

Quant Time: Feb 08 22:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	480499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	703608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	655639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	249188	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	228260	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	845496	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	307973	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	281198	47.632	ug/l	100
3) Chloromethane	1.33	50	254590	47.041	ug/l	98
4) Vinyl Chloride	1.41	62	263630	49.653	ug/l	99
5) Bromomethane	1.64	94	250518	47.696	ug/l	99
6) Chloroethane	1.72	64	162452	47.298	ug/l	97
7) Trichlorofluoromethane	1.93	101	406505	48.942	ug/l	100
8) Diethyl Ether	2.19	74	149905	47.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	230964	46.749	ug/l	98
10) Methyl Iodide	2.51	142	355300	48.887	ug/l	100
11) Tert butyl alcohol	3.07	59	281059	266.288	ug/l	99
12) 1,1-Dichloroethene	2.37	96	211298	46.057	ug/l	98
13) Acrolein	2.30	56	122550	247.606	ug/l	99
14) Allyl chloride	2.73	41	370147	49.516	ug/l	100
15) Acrylonitrile	3.15	53	662001	253.541	ug/l	99
16) Acetone	2.45	43	577943	247.383	ug/l	100
17) Carbon Disulfide	2.57	76	523247	43.887	ug/l	99
18) Methyl Acetate	2.78	43	359745	58.992	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	735319	49.473	ug/l	96
20) Methylene Chloride	2.85	84	247775	51.939	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	223140	45.658	ug/l	95
22) Diisopropyl ether	3.87	45	680559	49.495	ug/l	97
23) Vinyl Acetate	3.82	43	2898891	254.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378110	47.884	ug/l	99
25) 2-Butanone	4.70	43	856239	257.536	ug/l	100
26) 2,2-Dichloropropane	4.59	77	281243	46.768	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	249150	46.675	ug/l	100
28) Bromochloromethane	5.02	49	177439	48.864	ug/l	99
29) Tetrahydrofuran	5.15	42	554150	265.013	ug/l	99
30) Chloroform	5.22	83	401356	48.709	ug/l	100
31) Cyclohexane	5.57	56	333586	47.036	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	348130	50.053	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289046	45.785	ug/l	100
37) Ethyl Acetate	4.85	43	315342	49.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	303652	49.579	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363381	47.575	ug/l	99
40) Benzene	6.14	78	898693	48.326	ug/l	100
41) Methacrylonitrile	5.06	41	178401	52.160	ug/l	99
42) 1,2-Dichloroethane	6.20	62	307326	47.764	ug/l	100
43) Isopropyl Acetate	6.46	43	511703	51.948	ug/l	99
44) Trichloroethene	7.21	130	263045	46.966	ug/l	99
45) 1,2-Dichloropropane	7.52	63	228217	48.980	ug/l	98
46) Dibromomethane	7.66	93	162959	48.121	ug/l	98
47) Bromodichloromethane	7.90	83	288671	50.298	ug/l	97
48) Methyl methacrylate	7.77	41	264695	53.723	ug/l	100
49) 1,4-Dioxane	7.75	88	120245	1072.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1684292	259.742	ug/l	99
52) Toluene	8.79	92	578128	48.185	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	322586	52.327	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	354127	52.235	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249104	49.807	ug/l	96
56) Ethyl methacrylate	9.18	69	358921	51.815	ug/l	98
57) 1,3-Dichloropropane	9.37	76	388127	48.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	949098	259.951	ug/l	99
59) 2-Hexanone	9.49	43	1286516	254.958	ug/l	100
60) Dibromochloromethane	9.59	129	251865	53.247	ug/l	97
61) 1,2-Dibromoethane	9.67	107	266066	50.234	ug/l	99
64) Tetrachloroethene	9.34	164	256320	41.479	ug/l	99
65) Chlorobenzene	10.14	112	672042	46.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	242132	50.478	ug/l	99
67) Ethyl Benzene	10.25	91	1115750	48.426	ug/l	99
68) m/p-Xylenes	10.36	106	880683	96.157	ug/l	100
69) o-Xylene	10.70	106	424332	48.148	ug/l	99
70) Styrene	10.71	104	694595	48.598	ug/l	99
71) Bromoform	10.86	173	187865	45.084	ug/l	100
73) Isopropylbenzene	11.02	105	1131128	49.848	ug/l	99
74) N-amyl acetate	10.90	43	452304	51.534	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	357705	51.725	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	338628m	52.136	ug/l	
77) Bromobenzene	11.26	156	308709	48.285	ug/l	99
78) n-propylbenzene	11.36	91	1269708	51.028	ug/l	100
79) 2-Chlorotoluene	11.42	91	740655	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	930210	50.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	102838	49.029	ug/l	97
82) 4-Chlorotoluene	11.51	91	862102	49.347	ug/l	100
83) tert-Butylbenzene	11.77	119	946770	51.511	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	951107	50.464	ug/l	100
85) sec-Butylbenzene	11.94	105	1133476	50.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012052	50.399	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	543797	47.393	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	536496	46.087	ug/l	99
89) n-Butylbenzene	12.39	91	856360	49.574	ug/l	99
90) Hexachloroethane	12.60	117	159582	53.099	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	534347	46.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74760	51.991	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	369897	48.034	ug/l	99
94) Hexachlorobutadiene	13.78	225	177763	47.539	ug/l	99
95) Naphthalene	13.83	128	1149857	51.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365233	47.117	ug/l	98

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

