

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010719\
 Data File : VX006925.D
 Acq On : 07 Jan 2019 10:18
 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
 1/8/2019 9:33:28 AM

Quant Time: Jan 08 06:41:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	533580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	772396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	727470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	269019	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	252114	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	8.71	98	918750	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	349188	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	194888	39.925	ug/l	99
3) Chloromethane	1.33	50	216310	41.132	ug/l	100
4) Vinyl Chloride	1.41	62	227637	41.446	ug/l	99
5) Bromomethane	1.64	94	228855	44.437	ug/l	99
6) Chloroethane	1.71	64	160524	42.209	ug/l	98
7) Trichlorofluoromethane	1.92	101	388732	45.396	ug/l	98
8) Diethyl Ether	2.19	74	154384	45.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	240671	47.868	ug/l	99
10) Methyl Iodide	2.51	142	337033	46.829	ug/l	100
11) Tert butyl alcohol	3.08	59	281404	219.265	ug/l	99
12) 1,1-Dichloroethene	2.37	96	211621	44.389	ug/l	98
13) Acrolein	2.29	56	201274	232.475	ug/l	97
14) Allyl chloride	2.73	41	378877	47.214	ug/l	99
15) Acrylonitrile	3.15	53	702527	246.540	ug/l	100
16) Acetone	2.45	43	693948	262.655	ug/l	99
17) Carbon Disulfide	2.57	76	460858	36.529	ug/l	99
18) Methyl Acetate	2.78	43	419012	53.935	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	806268	50.955	ug/l	99
20) Methylene Chloride	2.85	84	250654	45.880	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	228261	43.213	ug/l	97
22) Diisopropyl ether	3.87	45	756350	51.521	ug/l	97
23) Vinyl Acetate	3.82	43	3048157	253.838	ug/l	99
24) 1,1-Dichloroethane	3.70	63	431587	49.247	ug/l	98
25) 2-Butanone	4.70	43	940913	253.181	ug/l	99
26) 2,2-Dichloropropane	4.58	77	344408	50.876	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	272767	46.803	ug/l	97
28) Bromochloromethane	5.02	49	194710	52.810	ug/l	97
29) Tetrahydrofuran	5.15	42	572479	233.882	ug/l	98
30) Chloroform	5.21	83	440599	48.550	ug/l	96
31) Cyclohexane	5.57	56	341578	42.903	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	378956	49.453	ug/l	99
36) 1,1-Dichloropropene	5.80	75	307852	48.123	ug/l	99
37) Ethyl Acetate	4.85	43	336489	50.536	ug/l	99
38) Carbon Tetrachloride	5.78	117	327773	52.721	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	378852	44.983	ug/l	98
40) Benzene	6.14	78	942573	48.473	ug/l	98
41) Methacrylonitrile	5.06	41	191758	54.245	ug/l	99
42) 1,2-Dichloroethane	6.20	62	328730	49.611	ug/l	99
43) Isopropyl Acetate	6.46	43	570872	56.349	ug/l	98
44) Trichloroethene	7.21	130	279340	47.462	ug/l	99
45) 1,2-Dichloropropane	7.51	63	247544	52.312	ug/l	100
46) Dibromomethane	7.66	93	172271	49.494	ug/l	96
47) Bromodichloromethane	7.90	83	325717	56.365	ug/l	99
48) Methyl methacrylate	7.77	41	287213	55.749	ug/l	98
49) 1,4-Dioxane	7.75	88	116389	860.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1784233	276.796	ug/l	99
52) Toluene	8.78	92	624435	49.706	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367751	59.338	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	397907	58.513	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	271260	52.753	ug/l	99
56) Ethyl methacrylate	9.18	69	403107	55.466	ug/l	96
57) 1,3-Dichloropropane	9.37	76	427314	51.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1090565	282.292	ug/l	99
59) 2-Hexanone	9.49	43	1410473	285.986	ug/l	100
60) Dibromochloromethane	9.59	129	291158	53.946	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286350	52.386	ug/l	99
64) Tetrachloroethene	9.34	164	274784	47.702	ug/l	96
65) Chlorobenzene	10.14	112	750528	48.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	280793	58.478	ug/l	99
67) Ethyl Benzene	10.25	91	1248018	49.625	ug/l	100
68) m/p-Xylenes	10.36	106	986204	99.379	ug/l	99
69) o-Xylene	10.69	106	489681	49.971	ug/l	97
70) Styrene	10.71	104	804489	51.892	ug/l	99
71) Bromoform	10.86	173	226471	52.084	ug/l	99
73) Isopropylbenzene	11.02	105	1308470	49.207	ug/l	100
74) N-amyl acetate	10.90	43	520686	54.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	405988	51.338	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	386995m	53.575	ug/l	
77) Bromobenzene	11.26	156	354877	49.364	ug/l	98
78) n-propylbenzene	11.36	91	1478670	50.498	ug/l	99
79) 2-Chlorotoluene	11.42	91	855593	48.216	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1090794	49.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	122285	51.391	ug/l	97
82) 4-Chlorotoluene	11.51	91	1011576	49.697	ug/l	100
83) tert-Butylbenzene	11.77	119	1150973	52.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1119751	48.606	ug/l	100
85) sec-Butylbenzene	11.94	105	1343462	49.988	ug/l	100
86) p-Isopropyltoluene	12.06	119	1215533	51.451	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	646104	49.868	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	648376	48.816	ug/l	99
89) n-Butylbenzene	12.39	91	1049473	52.197	ug/l	99
90) Hexachloroethane	12.60	117	190610	51.450	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	645017	49.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83632	51.110	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	468885	52.446	ug/l	98
94) Hexachlorobutadiene	13.78	225	209667	49.755	ug/l	98
95) Naphthalene	13.83	128	1365804	47.865	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	463198	50.180	ug/l	98

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

