

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041319\
 Data File : VX008925.D
 Acq On : 13 Apr 2019 11:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:55:13 PM

Quant Time: Apr 15 02:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	165332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111596	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.49	113	84553	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	8.71	98	333912	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	123006	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	108994	57.271	ug/l 99
3) Chloromethane	1.32	50	124105	53.322	ug/l 100
4) Vinyl Chloride	1.41	62	123532	48.017	ug/l 97
5) Bromomethane	1.64	94	70225	55.208	ug/l 100
6) Chloroethane	1.71	64	72766	51.906	ug/l 99
7) Trichlorofluoromethane	1.92	101	145834	51.280	ug/l 100
8) Diethyl Ether	2.18	74	64256	47.646	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89497	48.880	ug/l 95
10) Methyl Iodide	2.51	142	96355	57.159	ug/l 99
11) Tert butyl alcohol	3.05	59	141485	250.614	ug/l 100
12) 1,1-Dichloroethene	2.37	96	89049	46.589	ug/l 98
13) Acrolein	2.29	56	96569	344.969	ug/l 98
14) Allyl chloride	2.73	41	210585	48.127	ug/l 99
15) Acrylonitrile	3.14	53	349845	233.916	ug/l 100
16) Acetone	2.45	43	322947	232.515	ug/l 99
17) Carbon Disulfide	2.57	76	270526	48.998	ug/l 100
18) Methyl Acetate	2.77	43	155271	46.094	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	346655	50.785	ug/l 99
20) Methylene Chloride	2.85	84	106617	45.859	ug/l 99
21) trans-1,2-Dichloroethene	3.16	96	98878	47.826	ug/l 94
22) Diisopropyl ether	3.85	45	406293	48.175	ug/l 99
23) Vinyl Acetate	3.81	43	1852636	252.516	ug/l 100
24) 1,1-Dichloroethane	3.69	63	201736	48.313	ug/l 99
25) 2-Butanone	4.67	43	530834	241.811	ug/l 100
26) 2,2-Dichloropropane	4.58	77	158181	53.786	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	114074	47.990	ug/l 99
28) Bromochloromethane	5.01	49	90424	51.960	ug/l 97
29) Tetrahydrofuran	5.12	42	342445	235.029	ug/l 99
30) Chloroform	5.21	83	181631	48.701	ug/l 99
31) Cyclohexane	5.57	56	202718	48.654	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	155563	51.617	ug/l 99
36) 1,1-Dichloropropene	5.79	75	145258	51.249	ug/l 99
37) Ethyl Acetate	4.83	43	200180	52.912	ug/l 100
38) Carbon Tetrachloride	5.78	117	131155	55.909	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187106	53.438	ug/l	99
40) Benzene	6.14	78	439321	52.029	ug/l	99
41) Methacrylonitrile	5.04	41	111467	51.257	ug/l	99
42) 1,2-Dichloroethane	6.19	62	154800	51.138	ug/l	100
43) Isopropyl Acetate	6.44	43	319824	53.965	ug/l	99
44) Trichloroethene	7.21	130	106730	54.271	ug/l	96
45) 1,2-Dichloropropane	7.51	63	124789	51.778	ug/l	98
46) Dibromomethane	7.66	93	71013	50.803	ug/l	97
47) Bromodichloromethane	7.90	83	143248	54.352	ug/l	98
48) Methyl methacrylate	7.77	41	160274	53.462	ug/l	99
49) 1,4-Dioxane	7.74	88	54565	971.610	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1004643	263.334	ug/l	99
52) Toluene	8.78	92	266063	53.447	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170857	57.873	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	187001	55.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106036	53.065	ug/l	98
56) Ethyl methacrylate	9.18	69	197212	54.547	ug/l	100
57) 1,3-Dichloropropane	9.37	76	188435	52.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	480927	260.507	ug/l	98
59) 2-Hexanone	9.49	43	771812	260.317	ug/l	100
60) Dibromochloromethane	9.58	129	107529	57.106	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110369	53.056	ug/l	99
64) Tetrachloroethene	9.34	164	97651	57.169	ug/l	98
65) Chlorobenzene	10.13	112	272000	53.224	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	99253	55.361	ug/l	99
67) Ethyl Benzene	10.25	91	511166	53.641	ug/l	100
68) m/p-Xylenes	10.36	106	369849	107.944	ug/l	98
69) o-Xylene	10.69	106	178413	53.731	ug/l	98
70) Styrene	10.71	104	313968	54.854	ug/l	99
71) Bromoform	10.85	173	80720	58.951	ug/l #	99
73) Isopropylbenzene	11.02	105	483743	53.910	ug/l	100
74) N-amyl acetate	10.90	43	275298	52.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167368	49.044	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148433m	49.903	ug/l	
77) Bromobenzene	11.26	156	116832	54.161	ug/l	96
78) n-propylbenzene	11.36	91	562795	53.866	ug/l	100
79) 2-Chlorotoluene	11.42	91	328609	51.973	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	407073	54.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	62960	58.348	ug/l	97
82) 4-Chlorotoluene	11.51	91	377689	51.606	ug/l	98
83) tert-Butylbenzene	11.77	119	386533	53.341	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	409954	53.752	ug/l	99
85) sec-Butylbenzene	11.94	105	472627	54.909	ug/l	99
86) p-Isopropyltoluene	12.06	119	431622	55.869	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	208813	54.072	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204193	52.217	ug/l	100
89) n-Butylbenzene	12.38	91	404498	55.830	ug/l	99
90) Hexachloroethane	12.60	117	73579	57.422	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	200183	52.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38013	50.636	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	148807	55.818	ug/l	99
94) Hexachlorobutadiene	13.78	225	75250	58.857	ug/l	100
95) Naphthalene	13.83	128	470456	52.800	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145874	54.766	ug/l	99

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

