

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007390.D
 Acq On : 06 Feb 2019 10:38
 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
 2/7/2019 9:52:49 AM

Quant Time: Feb 07 00:12:27 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	5.66	168	544002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	749449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	694172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403179	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	290900	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	257668	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	8.71	98	968685	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.14	95	369129	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	348265	52.090	ug/l	98
3) Chloromethane	1.33	50	301660	49.231	ug/l	98
4) Vinyl Chloride	1.41	62	300658	50.016	ug/l	99
5) Bromomethane	1.64	94	240014	40.286	ug/l	99
6) Chloroethane	1.71	64	191750	49.311	ug/l	100
7) Trichlorofluoromethane	1.88	101	389901	41.463	ug/l	97
8) Diethyl Ether	2.20	74	183721	51.908	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.35	101	297424	53.173	ug/l	98
10) Methyl Iodide	2.49	142	398498	48.430	ug/l	99
11) Tert butyl alcohol	3.21	59	349695	292.641	ug/l #	1
12) 1,1-Dichloroethene	2.35	96	263966	50.820	ug/l	98
13) Acrolein	2.31	56	155157	276.893	ug/l	99
14) Allyl chloride	2.71	41	456254	53.910	ug/l	98
15) Acrylonitrile	3.17	53	762559	257.962	ug/l	99
16) Acetone	2.48	43	674985	255.195	ug/l	99
17) Carbon Disulfide	2.54	76	640715	47.293	ug/l	100
18) Methyl Acetate	2.79	43	420704	60.915	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	890422	52.915	ug/l	98
20) Methylene Chloride	2.85	84	281681	52.155	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	268725	48.567	ug/l	97
22) Diisopropyl ether	3.89	45	807460	51.869	ug/l	94
23) Vinyl Acetate	3.82	43	3407271	263.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	487163	54.492	ug/l	98
25) 2-Butanone	4.73	43	939026	249.467	ug/l	100
26) 2,2-Dichloropropane	4.57	77	373226	54.819	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	286109	47.342	ug/l	97
28) Bromochloromethane	5.01	49	218953	53.257	ug/l	96
29) Tetrahydrofuran	5.17	42	621679	262.602	ug/l	98
30) Chloroform	5.21	83	466372	49.993	ug/l	100
31) Cyclohexane	5.56	56	409527	51.004	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	409377	51.988	ug/l	99
36) 1,1-Dichloropropene	5.79	75	346919	51.591	ug/l	99
37) Ethyl Acetate	4.87	43	362882	53.385	ug/l	100
38) Carbon Tetrachloride	5.77	117	355594	54.508	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	448660	55.147	ug/l	100
40) Benzene	6.13	78	1045768	52.795	ug/l	98
41) Methacrylonitrile	5.07	41	195545	53.675	ug/l	99
42) 1,2-Dichloroethane	6.19	62	349744	51.032	ug/l	99
43) Isopropyl Acetate	6.47	43	568654	54.199	ug/l	99
44) Trichloroethene	7.21	130	306086	51.308	ug/l	99
45) 1,2-Dichloropropane	7.51	63	259713	52.331	ug/l	98
46) Dibromomethane	7.66	93	181097	50.206	ug/l	98
47) Bromodichloromethane	7.90	83	318694	52.132	ug/l	99
48) Methyl methacrylate	7.78	41	292873	55.806	ug/l	99
49) 1,4-Dioxane	7.79	88	136990	1146.777	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1953766	282.870	ug/l	99
52) Toluene	8.78	92	675339	52.844	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	373369	56.860	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	410136	56.796	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	274714	51.568	ug/l	99
56) Ethyl methacrylate	9.18	69	401572	54.427	ug/l	100
57) 1,3-Dichloropropane	9.37	76	443589	52.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1385756	356.333	ug/l	99
59) 2-Hexanone	9.51	43	1567009	291.550	ug/l	100
60) Dibromochloromethane	9.59	129	278065	55.191	ug/l	99
61) 1,2-Dibromoethane	9.67	107	295300	52.344	ug/l	99
64) Tetrachloroethene	9.34	164	308701	47.182	ug/l	97
65) Chlorobenzene	10.14	112	769880	50.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	278837	54.903	ug/l	100
67) Ethyl Benzene	10.25	91	1292980	53.003	ug/l	99
68) m/p-Xylenes	10.36	106	1036362	106.874	ug/l	99
69) o-Xylene	10.70	106	507571	54.396	ug/l	99
70) Styrene	10.71	104	821615	54.294	ug/l	100
71) Bromoform	10.86	173	222162	49.884	ug/l	100
73) Isopropylbenzene	11.02	105	1355470	49.473	ug/l	99
74) N-amyl acetate	10.90	43	571562	53.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	453955	54.367	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	393054m	50.120	ug/l	
77) Bromobenzene	11.26	156	370214	47.958	ug/l	98
78) n-propylbenzene	11.36	91	1536216	51.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	909216	49.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1167754	52.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	130244	51.221	ug/l	98
82) 4-Chlorotoluene	11.51	91	1076760	51.046	ug/l	99
83) tert-Butylbenzene	11.77	119	1186192	53.451	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1188908	52.245	ug/l	100
85) sec-Butylbenzene	11.94	105	1387647	51.663	ug/l	99
86) p-Isopropyltoluene	12.07	119	1278908	52.747	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	688233	49.677	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	701701	49.923	ug/l	100
89) n-Butylbenzene	12.39	91	1075947	51.586	ug/l	99
90) Hexachloroethane	12.60	117	198771	54.777	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	719812	52.208	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94376	54.358	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	508666	54.706	ug/l	100
94) Hexachlorobutadiene	13.78	225	241730	53.540	ug/l	98
95) Naphthalene	13.83	128	1524098	56.052	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	511856	54.689	ug/l	99

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

