

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010504.D
 Acq On : 27 Jun 2019 22:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 10:36:46 AM

Quant Time: Jun 28 07:56:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113439	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.50	113	111920	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	424307	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	154836	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	75172	44.490	ug/l 98
3) Chloromethane	1.32	50	88718	45.092	ug/l 98
4) Vinyl Chloride	1.41	62	96372	44.720	ug/l 99
5) Bromomethane	1.64	94	51948	49.480	ug/l 97
6) Chloroethane	1.71	64	62070	48.820	ug/l 99
7) Trichlorofluoromethane	1.92	101	169978	49.757	ug/l 98
8) Diethyl Ether	2.19	74	62315	50.866	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97339	47.019	ug/l 98
10) Methyl Iodide	2.51	142	146264	49.506	ug/l 99
11) Tert butyl alcohol	3.06	59	134433	225.460	ug/l 99
12) 1,1-Dichloroethene	2.37	96	100771	47.836	ug/l 99
13) Acrolein	2.29	56	76277	192.841	ug/l 97
14) Allyl chloride	2.73	41	144064	48.170	ug/l 98
15) Acrylonitrile	3.14	53	303180	256.817	ug/l 100
16) Acetone	2.45	43	253361	221.855	ug/l 99
17) Carbon Disulfide	2.57	76	230599	40.802	ug/l 100
18) Methyl Acetate	2.78	43	118035	51.858	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	334203	50.430	ug/l 99
20) Methylene Chloride	2.85	84	116014	49.364	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	105362	46.504	ug/l 99
22) Diisopropyl ether	3.85	45	313575	50.148	ug/l 98
23) Vinyl Acetate	3.81	43	1371289	253.855	ug/l 100
24) 1,1-Dichloroethane	3.70	63	179542	49.674	ug/l 99
25) 2-Butanone	4.67	43	417697	249.343	ug/l 99
26) 2,2-Dichloropropane	4.58	77	124121	39.531	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	130802	49.960	ug/l 98
28) Bromochloromethane	5.01	49	87235	50.480	ug/l 99
29) Tetrahydrofuran	5.13	42	264958	255.351	ug/l 100
30) Chloroform	5.21	83	195685	50.319	ug/l 98
31) Cyclohexane	5.58	56	155343	47.196	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	170677	49.704	ug/l 99
36) 1,1-Dichloropropene	5.80	75	137297	47.720	ug/l 99
37) Ethyl Acetate	4.83	43	153874	51.987	ug/l 99
38) Carbon Tetrachloride	5.79	117	153663	49.321	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172417	45.590	ug/l	99
40) Benzene	6.14	78	447957	49.975	ug/l	100
41) Methacrylonitrile	5.04	41	84388	51.962	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141549	51.877	ug/l	99
43) Isopropyl Acetate	6.45	43	254383	51.946	ug/l	99
44) Trichloroethene	7.21	130	133779	49.877	ug/l	96
45) 1,2-Dichloropropane	7.51	63	113414	50.104	ug/l	98
46) Dibromomethane	7.66	93	81778	50.354	ug/l	99
47) Bromodichloromethane	7.90	83	148970	50.052	ug/l	100
48) Methyl methacrylate	7.77	41	119211	52.372	ug/l	99
49) 1,4-Dioxane	7.74	88	67849	1034.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	839029	267.891	ug/l	99
52) Toluene	8.78	92	293943	49.797	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160147	47.994	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	177140	48.850	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123421	50.697	ug/l	99
56) Ethyl methacrylate	9.18	69	190515	51.659	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192754	51.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	427482	244.068	ug/l	100
59) 2-Hexanone	9.49	43	637878	258.776	ug/l	99
60) Dibromochloromethane	9.58	129	136771	50.176	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133373	50.756	ug/l	99
64) Tetrachloroethene	9.34	164	136742	50.669	ug/l	98
65) Chlorobenzene	10.14	112	336928	49.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125811	50.989	ug/l	99
67) Ethyl Benzene	10.25	91	573237	50.126	ug/l	99
68) m/p-Xylenes	10.36	106	442854	99.942	ug/l	100
69) o-Xylene	10.69	106	218222	50.079	ug/l	100
70) Styrene	10.71	104	377322	51.632	ug/l	100
71) Bromoform	10.85	173	107111	49.918	ug/l	99
73) Isopropylbenzene	11.02	105	581674	50.013	ug/l	99
74) N-amyl acetate	10.90	43	228685	52.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193532	50.246	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	159403m	50.984	ug/l	
77) Bromobenzene	11.26	156	163417	50.320	ug/l	98
78) n-propylbenzene	11.36	91	640706	50.124	ug/l	100
79) 2-Chlorotoluene	11.42	91	378487	49.725	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	484024	50.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58692	43.794	ug/l	97
82) 4-Chlorotoluene	11.51	91	434631	50.181	ug/l	99
83) tert-Butylbenzene	11.77	119	474424	49.299	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	486327	50.486	ug/l	100
85) sec-Butylbenzene	11.94	105	566674	50.152	ug/l	100
86) p-Isopropyltoluene	12.06	119	523762	50.115	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	282400	49.816	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	281156	48.717	ug/l	100
89) n-Butylbenzene	12.38	91	436867	49.191	ug/l	99
90) Hexachloroethane	12.59	117	87029	48.158	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	277546	49.262	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40964	49.327	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196808	50.371	ug/l	98
94) Hexachlorobutadiene	13.78	225	93049	48.728	ug/l	99
95) Naphthalene	13.83	128	621474	51.759	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	197654	50.880	ug/l	100

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

