

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070219\
 Data File : VX010605.D
 Acq On : 02 Jul 2019 10:12
 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
 7/3/2019 9:29:33 AM

Quant Time: Jul 03 02:06:31 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	5.65	168	251384	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	362891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114713	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.49	113	112222	50.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	8.71	98	420127	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	153497	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81998	46.918	ug/l	99
3) Chloromethane	1.32	50	85888	42.204	ug/l	99
4) Vinyl Chloride	1.41	62	100273	44.985	ug/l	100
5) Bromomethane	1.64	94	51514	47.437	ug/l	99
6) Chloroethane	1.71	64	65640	49.913	ug/l	98
7) Trichlorofluoromethane	1.93	101	181168	51.271	ug/l	100
8) Diethyl Ether	2.19	74	64160	50.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110643	51.670	ug/l	98
10) Methyl Iodide	2.51	142	142074	46.490	ug/l	98
11) Tert butyl alcohol	3.04	59	127449	206.648	ug/l	97
12) 1,1-Dichloroethene	2.37	96	105153	48.259	ug/l	99
13) Acrolein	2.29	56	128294	313.576	ug/l	99
14) Allyl chloride	2.73	41	154796	50.040	ug/l	99
15) Acrylonitrile	3.14	53	303312	248.396	ug/l	100
16) Acetone	2.44	43	321804	272.428	ug/l	97
17) Carbon Disulfide	2.57	76	241714	41.348	ug/l	100
18) Methyl Acetate	2.77	43	119732	50.857	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	352785	51.466	ug/l	100
20) Methylene Chloride	2.85	84	120178	49.437	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111637	47.637	ug/l	99
22) Diisopropyl ether	3.85	45	335114	51.813	ug/l	91
23) Vinyl Acetate	3.81	43	1462787	261.799	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188646	50.459	ug/l	100
25) 2-Butanone	4.67	43	441556	254.832	ug/l	99
26) 2,2-Dichloropropane	4.57	77	166672	51.320	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	134663	49.726	ug/l	99
28) Bromochloromethane	5.01	49	86416	48.345	ug/l	97
29) Tetrahydrofuran	5.12	42	260348	242.575	ug/l	99
30) Chloroform	5.20	83	206911	51.438	ug/l	99
31) Cyclohexane	5.57	56	166445	48.890	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	181709	51.159	ug/l	100
36) 1,1-Dichloropropene	5.80	75	148329	51.436	ug/l	99
37) Ethyl Acetate	4.83	43	156560	52.773	ug/l	99
38) Carbon Tetrachloride	5.78	117	160680	51.456	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194483	51.307	ug/l	97
40) Benzene	6.14	78	461342	51.350	ug/l	100
41) Methacrylonitrile	5.04	41	85510	52.532	ug/l	99
42) 1,2-Dichloroethane	6.18	62	152320	55.697	ug/l	97
43) Isopropyl Acetate	6.44	43	260040	52.980	ug/l	98
44) Trichloroethene	7.21	130	138048	51.351	ug/l	98
45) 1,2-Dichloropropane	7.51	63	118350	52.165	ug/l	97
46) Dibromomethane	7.66	93	86094	52.890	ug/l	97
47) Bromodichloromethane	7.89	83	158137	53.011	ug/l	97
48) Methyl methacrylate	7.76	41	120331	52.743	ug/l	99
49) 1,4-Dioxane	7.74	88	62560	951.880	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	827200	263.510	ug/l	99
52) Toluene	8.78	92	304868	51.529	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	177101	52.953	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193632	53.276	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130407	53.444	ug/l	99
56) Ethyl methacrylate	9.18	69	194912	52.731	ug/l	97
57) 1,3-Dichloropropane	9.37	76	201915	53.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	502469	286.225	ug/l	100
59) 2-Hexanone	9.49	43	640259	259.148	ug/l	98
60) Dibromochloromethane	9.58	129	144360	52.839	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138185	52.467	ug/l	99
64) Tetrachloroethene	9.34	164	134857	51.071	ug/l	97
65) Chlorobenzene	10.13	112	351213	52.990	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	131587	54.504	ug/l	99
67) Ethyl Benzene	10.25	91	597513	53.400	ug/l	100
68) m/p-Xylenes	10.35	106	460549	106.224	ug/l	98
69) o-Xylene	10.69	106	224267	52.599	ug/l	100
70) Styrene	10.71	104	385997	53.983	ug/l	99
71) Bromoform	10.85	173	108400	51.632	ug/l	98
73) Isopropylbenzene	11.02	105	607175	52.451	ug/l	98
74) N-amyl acetate	10.90	43	230576	52.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	193806	50.554	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	165650m	53.232	ug/l	
77) Bromobenzene	11.25	156	164031	50.747	ug/l	99
78) n-propylbenzene	11.36	91	687265	54.020	ug/l	99
79) 2-Chlorotoluene	11.42	91	394340	52.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502675	52.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64528	48.376	ug/l	93
82) 4-Chlorotoluene	11.51	91	462426	53.642	ug/l	100
83) tert-Butylbenzene	11.77	119	509231	53.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	511359	53.335	ug/l	100
85) sec-Butylbenzene	11.94	105	604728	53.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	563459	54.167	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289835	51.369	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293167	51.038	ug/l	99
89) n-Butylbenzene	12.38	91	492506	55.718	ug/l	99
90) Hexachloroethane	12.59	117	93808	52.154	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	283920	50.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39797	48.148	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	207707	53.411	ug/l	99
94) Hexachlorobutadiene	13.78	225	101992	53.663	ug/l	99
95) Naphthalene	13.83	128	609730	51.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	203409	52.608	ug/l	99

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

