

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004379.D
 Acq On : 06 Sep 2018 12:19
 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
 9/7/2018 1:42:53 PM

Quant Time: Sep 07 05:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	383279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	499859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	220272	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	
35) Dibromofluoromethane	5.50	113	195481	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	722807	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	280640	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	176778	39.82	ug/l	97
3) Chloromethane	1.32	50	194779	39.76	ug/l	100
4) Vinyl Chloride	1.40	62	227029	45.21	ug/l	99
5) Bromomethane	1.63	94	103921	41.64	ug/l	99
6) Chloroethane	1.71	64	161873	45.23	ug/l	100
7) Trichlorofluoromethane	1.92	101	325345	47.28	ug/l	95
8) Diethyl Ether	2.18	74	147500	50.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212569	49.31	ug/l	99
10) Methyl Iodide	2.51	142	218095	45.28	ug/l	98
11) Tert butyl alcohol	3.07	59	259844	244.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	192728	47.47	ug/l	96
13) Acrolein	2.29	56	52290	203.68	ug/l	100
14) Allyl chloride	2.72	41	369623	49.55	ug/l	98
15) Acrylonitrile	3.15	53	645983	244.95	ug/l	99
16) Acetone	2.45	43	573195	282.12	ug/l	98
17) Carbon Disulfide	2.56	76	475242	42.27	ug/l	99
18) Methyl Acetate	2.78	43	459745	62.02	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	696304	52.04	ug/l	98
20) Methylene Chloride	2.85	84	223392	46.45	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209300	46.57	ug/l	96
22) Diisopropyl ether	3.87	45	697881	50.10	ug/l	97
23) Vinyl Acetate	3.82	43	2697583	238.95	ug/l	100
24) 1,1-Dichloroethane	3.69	63	403021	49.65	ug/l	99
25) 2-Butanone	4.70	43	869787	259.96	ug/l	99
26) 2,2-Dichloropropane	4.58	77	329922	51.82	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	251674	49.37	ug/l	99
28) Bromochloromethane	5.01	49	162858	45.32	ug/l	100
29) Tetrahydrofuran	5.16	42	529982	246.93	ug/l	99
30) Chloroform	5.21	83	399004	49.03	ug/l	99
31) Cyclohexane	5.57	56	340946	48.68	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	334836	49.34	ug/l	99
36) 1,1-Dichloropropene	5.79	75	299241	49.53	ug/l	99
37) Ethyl Acetate	4.85	43	300546	50.58	ug/l	99
38) Carbon Tetrachloride	5.77	117	290602	51.13	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371798	53.90	ug/l	100
40) Benzene	6.14	78	916224	50.75	ug/l	99
41) Methacrylonitrile	5.06	41	179514	52.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	304450	49.44	ug/l	99
43) Isopropyl Acetate	6.46	43	492917	53.99	ug/l	99
44) Trichloroethene	7.21	130	254922	51.01	ug/l	99
45) 1,2-Dichloropropane	7.51	63	238488	52.78	ug/l	99
46) Dibromomethane	7.66	93	150300	49.96	ug/l	98
47) Bromodichloromethane	7.90	83	296612	52.99	ug/l	99
48) Methyl methacrylate	7.77	41	261385	53.50	ug/l	98
49) 1,4-Dioxane	7.76	88	113144	1020.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1658651	250.03	ug/l	99
52) Toluene	8.79	92	587480	51.99	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	345187	55.83	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	376136	55.85	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	240563	52.74	ug/l	98
56) Ethyl methacrylate	9.18	69	359766	57.94	ug/l	97
57) 1,3-Dichloropropane	9.37	76	403458	52.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	775494	243.73	ug/l	99
59) 2-Hexanone	9.50	43	1289915	254.88	ug/l	99
60) Dibromochloromethane	9.59	129	246746	55.52	ug/l	99
61) 1,2-Dibromoethane	9.67	107	245122	51.92	ug/l	99
64) Tetrachloroethene	9.34	164	269920	54.66	ug/l	98
65) Chlorobenzene	10.14	112	649231	51.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	236917	54.75	ug/l	97
67) Ethyl Benzene	10.26	91	1108836	54.42	ug/l	99
68) m/p-Xylenes	10.36	106	843964	105.94	ug/l	97
69) o-Xylene	10.70	106	420710	55.83	ug/l	99
70) Styrene	10.71	104	721034	59.09	ug/l	98
71) Bromoform	10.86	173	191885	55.01	ug/l	98
73) Isopropylbenzene	11.02	105	1167163	56.82	ug/l	99
74) N-amyl acetate	10.90	43	432986	54.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	363200	50.52	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	329174m	51.75	ug/l	
77) Bromobenzene	11.26	156	308517	53.54	ug/l	99
78) n-propylbenzene	11.36	91	1345392	56.94	ug/l	99
79) 2-Chlorotoluene	11.42	91	781127	53.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	965035	56.73	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	112415	57.34	ug/l	95
82) 4-Chlorotoluene	11.51	91	922132	53.89	ug/l	99
83) tert-Butylbenzene	11.77	119	977525	57.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1005510	57.58	ug/l	99
85) sec-Butylbenzene	11.94	105	1216850	59.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	1105610	60.71	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	577159	53.20	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	582591	50.93	ug/l	99
89) n-Butylbenzene	12.39	91	935983	63.21	ug/l	98
90) Hexachloroethane	12.60	117	152930	60.08	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	546799	55.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68442	54.05	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	434660	60.25	ug/l	98
94) Hexachlorobutadiene	13.79	225	219368	65.40	ug/l	95
95) Naphthalene	13.83	128	1264187	61.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	450248	58.95	ug/l	99

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

