

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010637.D
 Acq On : 03 Jul 2019 14:05
 Operator : JC/SP
 Sample : VX0703WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:41:17 PM

Quant Time: Jul 04 04:09:19 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	232914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112492	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	107955	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	396605	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	140570	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26504	16.368	ug/l	99
3) Chloromethane	1.33	50	29079	15.422	ug/l	97
4) Vinyl Chloride	1.41	62	32799	15.881	ug/l	97
5) Bromomethane	1.64	94	21387	21.256	ug/l	99
6) Chloroethane	1.72	64	22643	18.583	ug/l	95
7) Trichlorofluoromethane	1.93	101	62250	19.014	ug/l	100
8) Diethyl Ether	2.19	74	22928	19.529	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36566	18.430	ug/l	98
10) Methyl Iodide	2.51	142	34811	12.294	ug/l	98
11) Tert butyl alcohol	3.04	59	53849	94.236	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35588	17.628	ug/l	94
13) Acrolein	2.29	56	34437	90.846	ug/l	100
14) Allyl chloride	2.73	41	50785	17.719	ug/l	98
15) Acrylonitrile	3.14	53	108513	95.913	ug/l	99
16) Acetone	2.45	43	97236	88.844	ug/l	96
17) Carbon Disulfide	2.57	76	75268	13.897	ug/l	97
18) Methyl Acetate	2.78	43	44492	20.397	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	120743	19.011	ug/l	96
20) Methylene Chloride	2.86	84	42472	18.857	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36880	16.985	ug/l	96
22) Diisopropyl ether	3.86	45	117266	19.569	ug/l	88
23) Vinyl Acetate	3.82	43	487710	94.209	ug/l	100
24) 1,1-Dichloroethane	3.70	63	65163	18.812	ug/l	99
25) 2-Butanone	4.68	43	150052	93.465	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52353	17.398	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45790	18.250	ug/l	100
28) Bromochloromethane	5.02	49	31989	19.315	ug/l	93
29) Tetrahydrofuran	5.13	42	93081	93.604	ug/l	99
30) Chloroform	5.21	83	70403	18.890	ug/l	97
31) Cyclohexane	5.58	56	55527	17.603	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59458	18.067	ug/l	98
36) 1,1-Dichloropropene	5.80	75	47334	17.078	ug/l	99
37) Ethyl Acetate	4.84	43	52977	18.580	ug/l	98
38) Carbon Tetrachloride	5.78	117	51286	17.088	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61401	16.853	ug/l	95
40) Benzene	6.14	78	156633	18.139	ug/l	100
41) Methacrylonitrile	5.04	41	29170	18.645	ug/l	97
42) 1,2-Dichloroethane	6.20	62	52088	19.817	ug/l	97
43) Isopropyl Acetate	6.45	43	87748	18.601	ug/l	99
44) Trichloroethene	7.21	130	45492	17.607	ug/l	93
45) 1,2-Dichloropropane	7.51	63	40582	18.611	ug/l	95
46) Dibromomethane	7.66	93	28957	18.509	ug/l	97
47) Bromodichloromethane	7.90	83	50768	17.707	ug/l	99
48) Methyl methacrylate	7.77	41	42031	19.168	ug/l	98
49) 1,4-Dioxane	7.74	88	23296	368.795	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	291886	96.743	ug/l	99
52) Toluene	8.79	92	102279	17.986	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	52947	16.471	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	61110	17.494	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	44061	18.788	ug/l	98
56) Ethyl methacrylate	9.18	69	63954	18.002	ug/l	95
57) 1,3-Dichloropropane	9.37	76	68380	18.783	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	149060	88.344	ug/l	99
59) 2-Hexanone	9.49	43	225708	95.051	ug/l	99
60) Dibromochloromethane	9.58	129	44067	16.782	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46353	18.311	ug/l	100
64) Tetrachloroethene	9.33	164	45287	17.861	ug/l	97
65) Chlorobenzene	10.13	112	115322	18.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42161	18.187	ug/l	99
67) Ethyl Benzene	10.25	91	198020	18.431	ug/l	98
68) m/p-Xylenes	10.36	106	151614	36.419	ug/l	99
69) o-Xylene	10.69	106	75654	18.479	ug/l	98
70) Styrene	10.71	104	125253	18.243	ug/l	99
71) Bromoform	10.85	173	31992	15.870	ug/l #	98
73) Isopropylbenzene	11.02	105	197704	18.341	ug/l	99
74) N-amyl acetate	10.90	43	76887	18.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	68994	19.327	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54240m	18.718	ug/l	
77) Bromobenzene	11.26	156	54856	18.225	ug/l	99
78) n-propylbenzene	11.36	91	217991	18.400	ug/l	99
79) 2-Chlorotoluene	11.42	91	127835	18.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	164718	18.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18302	14.735	ug/l	88
82) 4-Chlorotoluene	11.51	91	147303	18.350	ug/l	100
83) tert-Butylbenzene	11.77	119	162825	18.256	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	163380	18.300	ug/l	100
85) sec-Butylbenzene	11.94	105	193201	18.449	ug/l	99
86) p-Isopropyltoluene	12.06	119	174800	18.046	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93195	17.738	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94759	17.716	ug/l	99
89) n-Butylbenzene	12.38	91	147039	17.864	ug/l	100
90) Hexachloroethane	12.60	117	25801	15.404	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	95087	18.209	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13524	17.571	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	62582	17.282	ug/l	100
94) Hexachlorobutadiene	13.78	225	31148	17.599	ug/l	100
95) Naphthalene	13.83	128	195621	17.579	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	63029	17.506	ug/l	99

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

