

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003245.D
 Acq On : 09 Jul 2018 14:49
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX070918

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:46 PM

Quant Time: Jul 09 16:26:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213406	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	182025	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.72	98	670734	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	253832	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	216771	50.45	ug/l	99
3) Chloromethane	1.32	50	176010	45.05	ug/l	99
4) Vinyl Chloride	1.40	62	188724	47.06	ug/l	99
5) Bromomethane	1.64	94	65570	55.37	ug/l	99
6) Chloroethane	1.71	64	108751	48.95	ug/l	99
7) Trichlorofluoromethane	1.92	101	285835	47.95	ug/l	96
8) Diethyl Ether	2.19	74	101765	47.23	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164410	47.11	ug/l	95
10) Methyl Iodide	2.51	142	122934	33.95	ug/l	97
11) Tert butyl alcohol	3.08	59	191913	237.98	ug/l	100
12) 1,1-Dichloroethene	2.37	96	147780	46.53	ug/l	93
13) Acrolein	2.29	56	139142	214.12	ug/l	100
14) Allyl chloride	2.73	41	282567	48.03	ug/l	94
15) Acrylonitrile	3.15	53	417172	231.67	ug/l	99
16) Acetone	2.45	43	377728	239.19	ug/l	95
17) Carbon Disulfide	2.57	76	421203	47.72	ug/l	99
18) Methyl Acetate	2.78	43	218762	49.11	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	497881	46.93	ug/l	100
20) Methylene Chloride	2.85	84	160336	49.54	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	158411	46.79	ug/l	93
22) Diisopropyl ether	3.87	45	514590	42.99	ug/l	96
23) Vinyl Acetate	3.82	43	2258225	222.23	ug/l	99
24) 1,1-Dichloroethane	3.70	63	286485	45.99	ug/l	98
25) 2-Butanone	4.71	43	651866	233.28	ug/l	97
26) 2,2-Dichloropropane	4.58	77	262354	48.15	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	187653	45.10	ug/l	94
28) Bromochloromethane	5.02	49	141546	45.10	ug/l	88
29) Tetrahydrofuran	5.17	42	414801	228.71	ug/l	96
30) Chloroform	5.21	83	312296	45.57	ug/l	97
31) Cyclohexane	5.57	56	276549	47.41	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	282111	46.67	ug/l	98
36) 1,1-Dichloropropene	5.80	75	239615	48.58	ug/l	99
37) Ethyl Acetate	4.87	43	248543	45.96	ug/l	98
38) Carbon Tetrachloride	5.78	117	259313	48.06	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287328	49.45	ug/l	95
40) Benzene	6.15	78	687408	47.03	ug/l	100
41) Methacrylonitrile	5.07	41	142641	48.18	ug/l	97
42) 1,2-Dichloroethane	6.20	62	248828	45.56	ug/l	98
43) Isopropyl Acetate	6.47	43	405332	47.74	ug/l	97
44) Trichloroethene	7.21	130	209041	48.36	ug/l	98
45) 1,2-Dichloropropane	7.52	63	173712	45.71	ug/l	100
46) Dibromomethane	7.67	93	120319	46.45	ug/l	94
47) Bromodichloromethane	7.90	83	230493	48.23	ug/l	98
48) Methyl methacrylate	7.78	41	212397	48.77	ug/l	93
49) 1,4-Dioxane	7.76	88	86944	954.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1299492	245.82	ug/l	97
52) Toluene	8.79	92	444879	48.15	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	281159	50.00	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	260429	50.88	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	178012	46.44	ug/l	96
56) Ethyl methacrylate	9.18	69	263390	50.17	ug/l	92
57) 1,3-Dichloropropane	9.37	76	290059	46.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	689456	272.23	ug/l	96
59) 2-Hexanone	9.50	43	1000524	249.19	ug/l	95
60) Dibromochloromethane	9.59	129	198098	49.50	ug/l	99
61) 1,2-Dibromoethane	9.68	107	190744	47.48	ug/l	99
64) Tetrachloroethene	9.34	164	232074	49.44	ug/l	97
65) Chlorobenzene	10.14	112	515083	48.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	193187	50.75	ug/l	99
67) Ethyl Benzene	10.26	91	865724	50.73	ug/l	100
68) m/p-Xylenes	10.36	106	684941	103.18	ug/l	97
69) o-Xylene	10.70	106	327481	50.92	ug/l	97
70) Styrene	10.71	104	542908	52.06	ug/l	98
71) Bromoform	10.86	173	159982	51.07	ug/l #	99
73) Isopropylbenzene	11.02	105	895245	50.08	ug/l	99
74) N-amyl acetate	6.47	43	405332	47.53	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	260906	47.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	237620m	48.56	ug/l	
77) Bromobenzene	11.26	156	253217	49.06	ug/l	94
78) n-propylbenzene	11.37	91	1013912	51.02	ug/l	98
79) 2-Chlorotoluene	11.43	91	594780	49.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	754300	50.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79803	53.30	ug/l	93
82) 4-Chlorotoluene	11.51	91	705171	49.88	ug/l	98
83) tert-Butylbenzene	11.77	119	746480	50.21	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	775839	50.90	ug/l	98
85) sec-Butylbenzene	11.95	105	898008	51.10	ug/l	98
86) p-Isopropyltoluene	12.07	119	827530	51.68	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	461790	48.78	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	464821	48.50	ug/l	99
89) n-Butylbenzene	12.39	91	708380	52.95	ug/l	99
90) Hexachloroethane	12.60	117	124549	50.95	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	455283	47.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59211	49.78	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	351554	50.81	ug/l	99
94) Hexachlorobutadiene	13.79	225	175471	50.94	ug/l	99
95) Naphthalene	13.84	128	933835	51.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	351498	50.94	ug/l	99

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

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