

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002275.D
 Acq On : 04 Jun 2018 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:08 PM

Quant Time: Jun 05 06:42:16 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186493	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
35) Dibromofluoromethane	5.51	113	142236	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.72	98	541767	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.14	95	213251	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111239	43.505	ug/l	100
3) Chloromethane	1.32	50	163769	56.259	ug/l	98
4) Vinyl Chloride	1.41	62	159585	49.522	ug/l	99
5) Bromomethane	1.64	94	103113	57.010	ug/l	98
6) Chloroethane	1.71	64	106859	51.263	ug/l	100
7) Trichlorofluoromethane	1.93	101	240395	48.961	ug/l	100
8) Diethyl Ether	2.19	74	104834	60.591	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124363	46.937	ug/l	100
10) Methyl Iodide	2.51	142	200076	53.686	ug/l	99
11) Tert butyl alcohol	3.08	59	206225	289.181	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130209	49.727	ug/l	98
13) Acrolein	2.30	56	101826	293.251	ug/l	100
14) Allyl chloride	2.73	41	282908	49.785	ug/l	99
15) Acrylonitrile	3.15	53	448194	301.390	ug/l	100
16) Acetone	2.45	43	416395	277.359	ug/l	100
17) Carbon Disulfide	2.57	76	317167	45.957	ug/l	99
18) Methyl Acetate	2.78	43	213534	61.203	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	544507	60.203	ug/l	99
20) Methylene Chloride	2.86	84	163820	59.425	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	146895	50.872	ug/l	99
22) Diisopropyl ether	3.88	45	528575	55.852	ug/l	99
23) Vinyl Acetate	3.83	43	2308778	250.627	ug/l	100
24) 1,1-Dichloroethane	3.70	63	262436	46.727	ug/l	99
25) 2-Butanone	4.71	43	604213	250.534	ug/l	99
26) 2,2-Dichloropropane	4.59	77	186793	42.547	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	156345	49.786	ug/l	97
28) Bromochloromethane	5.03	49	139657	59.116	ug/l	100
29) Tetrahydrofuran	5.17	42	398747	256.443	ug/l	99
30) Chloroform	5.22	83	277959	51.288	ug/l	97
31) Cyclohexane	5.57	56	203576	45.839	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	232978	50.689	ug/l	99
36) 1,1-Dichloropropene	5.81	75	187229	47.263	ug/l	99
37) Ethyl Acetate	4.87	43	241681	50.730	ug/l	98
38) Carbon Tetrachloride	5.79	117	194981	47.048	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196117	40.124	ug/l	100
40) Benzene	6.15	78	606545	49.936	ug/l	100
41) Methacrylonitrile	5.07	41	136288	49.974	ug/l	99
42) 1,2-Dichloroethane	6.20	62	243791	50.518	ug/l	100
43) Isopropyl Acetate	6.47	43	402717	49.768	ug/l	100
44) Trichloroethene	7.22	130	170563	50.596	ug/l	100
45) 1,2-Dichloropropane	7.52	63	162324	49.502	ug/l	100
46) Dibromomethane	7.67	93	110128	49.542	ug/l	99
47) Bromodichloromethane	7.90	83	205606	51.141	ug/l	99
48) Methyl methacrylate	7.78	41	206737	50.863	ug/l	100
49) 1,4-Dioxane	7.76	88	79000	1039.497	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1305395	259.051	ug/l	100
52) Toluene	8.79	92	394240	51.032	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	245574	50.936	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	231543	50.904	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	165146	51.976	ug/l	98
56) Ethyl methacrylate	9.19	69	260596	51.372	ug/l	100
57) 1,3-Dichloropropane	9.38	76	273039	51.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	612829	261.017	ug/l	100
59) 2-Hexanone	9.50	43	1006306	258.540	ug/l	100
60) Dibromochloromethane	9.59	129	169815	53.135	ug/l	99
61) 1,2-Dibromoethane	9.68	107	174430	52.651	ug/l	100
64) Tetrachloroethene	9.34	164	188207	49.147	ug/l	98
65) Chlorobenzene	10.14	112	457571	49.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	168807	50.458	ug/l	100
67) Ethyl Benzene	10.26	91	774445	50.086	ug/l	100
68) m/p-Xylenes	10.37	106	603972	100.485	ug/l	100
69) o-Xylene	10.70	106	301395	50.388	ug/l	99
70) Styrene	10.72	104	506078	51.755	ug/l	99
71) Bromoform	10.86	173	132706	44.687	ug/l	100
73) Isopropylbenzene	11.02	105	780552	47.651	ug/l	100
74) N-amyl acetate	6.47	43	402717	45.627	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243968	47.355	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248547m	48.104	ug/l	
77) Bromobenzene	11.26	156	224802	48.884	ug/l	99
78) n-propylbenzene	11.37	91	886805	48.708	ug/l	100
79) 2-Chlorotoluene	11.43	91	548797	47.737	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	685584	48.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67105	45.526	ug/l	96
82) 4-Chlorotoluene	11.51	91	650389	49.014	ug/l	100
83) tert-Butylbenzene	11.77	119	650585	47.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	714209	49.382	ug/l	100
85) sec-Butylbenzene	11.95	105	782536	48.788	ug/l	100
86) p-Isopropyltoluene	12.07	119	720318	49.304	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	404279	49.167	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	411925	48.603	ug/l	99
89) n-Butylbenzene	12.39	91	600876	49.039	ug/l	100
90) Hexachloroethane	12.60	117	109913	47.129	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	415311	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57666	51.185	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294058	49.295	ug/l	100
94) Hexachlorobutadiene	13.79	225	140502	47.664	ug/l	98
95) Naphthalene	13.84	128	870424	50.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	304207	50.003	ug/l	99

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

