

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002445.D
 Acq On : 11 Jun 2018 16:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 5:07:02 PM

Quant Time: Jun 11 16:55:04 2018
 Quant Method : Z:\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	207817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63877	19.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.76%	
35) Dibromofluoromethane	5.51	113	48525	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
50) Toluene-d8	8.72	98	174901	18.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.74%	
62) 4-Bromofluorobenzene	11.14	95	68772	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	96173	44.52	ug/l	99
3) Chloromethane	1.32	50	113861	45.75	ug/l	98
4) Vinyl Chloride	1.41	62	127453	46.81	ug/l	100
5) Bromomethane	1.64	94	79380	51.63	ug/l	99
6) Chloroethane	1.72	64	87763	49.83	ug/l	99
7) Trichlorofluoromethane	1.93	101	217371	52.40	ug/l	99
8) Diethyl Ether	2.19	74	87636	59.92	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121943	54.47	ug/l	99
10) Methyl Iodide	2.51	142	129739	41.20	ug/l	99
11) Tert butyl alcohol	3.08	59	177332	294.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110147	49.79	ug/l	99
13) Acrolein	2.29	56	76412	259.32	ug/l	99
14) Allyl chloride	2.73	41	236408	49.24	ug/l	98
15) Acrylonitrile	3.15	53	382682	304.68	ug/l	99
16) Acetone	2.45	43	397626	316.18	ug/l	99
17) Carbon Disulfide	2.57	76	256649	44.01	ug/l	99
18) Methyl Acetate	2.78	43	186672	63.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	470080	61.57	ug/l	99
20) Methylene Chloride	2.86	84	137525	59.03	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121850	49.94	ug/l	96
22) Diisopropyl ether	3.87	45	433558	54.18	ug/l	93
23) Vinyl Acetate	3.83	43	1916881	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	246556	51.96	ug/l	100
25) 2-Butanone	4.71	43	511283	250.92	ug/l	100
26) 2,2-Dichloropropane	4.59	77	169294	45.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	130264	49.10	ug/l	94
28) Bromochloromethane	5.03	49	115386	57.72	ug/l	99
29) Tetrahydrofuran	5.17	42	327096	248.98	ug/l	100
30) Chloroform	5.22	83	230773	50.40	ug/l	96
31) Cyclohexane	5.58	56	176483	47.03	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	189901	48.90	ug/l	99
36) 1,1-Dichloropropene	5.81	75	152311	47.12	ug/l	100
37) Ethyl Acetate	4.87	43	200685	51.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	163839	48.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182697	45.77	ug/l	99
40) Benzene	6.15	78	482103	48.65	ug/l	100
41) Methacrylonitrile	5.07	41	113449	50.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199942	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	333824	50.56	ug/l	100
44) Trichloroethene	7.21	130	134978	49.07	ug/l	98
45) 1,2-Dichloropropane	7.52	63	132775	49.63	ug/l	99
46) Dibromomethane	7.67	93	90933	50.14	ug/l	99
47) Bromodichloromethane	7.90	83	169184	51.58	ug/l	97
48) Methyl methacrylate	7.78	41	170156	51.31	ug/l	99
49) 1,4-Dioxane	7.76	88	63642	1026.36	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1077254	262.01	ug/l	99
52) Toluene	8.79	92	309721	49.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	203054	51.62	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	191256	51.53	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136744	52.75	ug/l	99
56) Ethyl methacrylate	9.18	69	213609	51.61	ug/l	100
57) 1,3-Dichloropropane	9.38	76	225325	51.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	501442	261.76	ug/l	99
59) 2-Hexanone	9.50	43	828860	261.00	ug/l	98
60) Dibromochloromethane	9.59	129	143554	55.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	142776	52.82	ug/l	100
64) Tetrachloroethene	9.34	164	142647	45.82	ug/l	99
65) Chlorobenzene	10.14	112	364336	48.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139764	51.39	ug/l	99
67) Ethyl Benzene	10.26	91	616298	49.03	ug/l	99
68) m/p-Xylenes	10.36	106	480431	98.32	ug/l	100
69) o-Xylene	10.70	106	237878	48.92	ug/l	100
70) Styrene	10.71	104	403031	50.70	ug/l	99
71) Bromoform	10.86	173	112302	46.38	ug/l	99
73) Isopropylbenzene	11.02	105	639846	46.92	ug/l	100
74) N-amyl acetate	6.47	43	333824	45.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	209009	48.73	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	182545m	42.44	ug/l	
77) Bromobenzene	11.26	156	179511	46.89	ug/l	98
78) n-propylbenzene	11.37	91	734004	48.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	437175	45.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551009	47.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57920	47.20	ug/l	97
82) 4-Chlorotoluene	11.51	91	520707	47.14	ug/l	99
83) tert-Butylbenzene	11.77	119	546990	48.03	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	569642	47.31	ug/l	99
85) sec-Butylbenzene	11.95	105	659272	49.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	603663	49.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	327970	47.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	332919	47.19	ug/l	99
89) n-Butylbenzene	12.39	91	527308	51.70	ug/l	100
90) Hexachloroethane	12.60	117	90849	46.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	340409	48.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47750	50.91	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248020	49.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	131802	53.71	ug/l	98
95) Naphthalene	13.84	128	723010	50.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254972	50.34	ug/l	99

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

