

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003320.D
 Acq On : 11 Jul 2018 15:02
 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
 7/12/2018 10:59:15 AM

Quant Time: Jul 12 01:04:45 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	291394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	352434	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	313650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211619	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
35) Dibromofluoromethane	5.51	113	189235	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
50) Toluene-d8	8.72	98	657454	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	239778	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	243825	55.039	ug/l	100
3) Chloromethane	1.32	50	208389	51.738	ug/l	98
4) Vinyl Chloride	1.40	62	253559	61.333	ug/l	100
5) Bromomethane	1.64	94	72672	59.158	ug/l	95
6) Chloroethane	1.72	64	144757	63.199	ug/l	100
7) Trichlorofluoromethane	1.93	101	337643	54.944	ug/l	97
8) Diethyl Ether	2.19	74	144896	65.227	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	206619	57.424	ug/l	97
10) Methyl Iodide	2.51	142	174791	44.676	ug/l	96
11) Tert butyl alcohol	3.07	59	235433	283.176	ug/l	99
12) 1,1-Dichloroethene	2.37	96	190587	58.200	ug/l	84
13) Acrolein	2.29	56	145107	216.589	ug/l	97
14) Allyl chloride	2.73	41	367930	60.662	ug/l #	86
15) Acrylonitrile	3.15	53	586151	315.732	ug/l	94
16) Acetone	2.45	43	437565	268.757	ug/l #	88
17) Carbon Disulfide	2.57	76	540883	59.440	ug/l	98
18) Methyl Acetate	2.78	43	303518	66.083	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	607986	55.587	ug/l	96
20) Methylene Chloride	2.86	84	208594	62.701	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	208425	59.710	ug/l	85
22) Diisopropyl ether	3.87	45	646572	52.398	ug/l	98
23) Vinyl Acetate	3.82	43	2792410	266.542	ug/l	100
24) 1,1-Dichloroethane	3.70	63	366815	57.114	ug/l	100
25) 2-Butanone	4.71	43	670770	232.833	ug/l	93
26) 2,2-Dichloropropane	4.59	77	262797	46.781	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	208564	48.617	ug/l	91
28) Bromochloromethane	5.02	49	166773	51.538	ug/l	93
29) Tetrahydrofuran	5.17	42	431696	230.871	ug/l	92
30) Chloroform	5.21	83	337064	47.710	ug/l	98
31) Cyclohexane	5.57	56	299771	49.844	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	291202	46.723	ug/l	99
36) 1,1-Dichloropropene	5.80	75	253509	50.813	ug/l	96
37) Ethyl Acetate	4.87	43	262175	47.934	ug/l	98
38) Carbon Tetrachloride	5.78	117	260900	47.805	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	286852	48.804	ug/l	95
40) Benzene	6.15	78	734537	49.682	ug/l	99
41) Methacrylonitrile	5.07	41	147599	49.292	ug/l	94
42) 1,2-Dichloroethane	6.20	62	261882	47.409	ug/l	98
43) Isopropyl Acetate	6.47	43	381621	44.433	ug/l	96
44) Trichloroethene	7.21	130	197665	45.211	ug/l	98
45) 1,2-Dichloropropane	7.52	63	181528	47.225	ug/l	99
46) Dibromomethane	7.67	93	116560	44.488	ug/l	99
47) Bromodichloromethane	7.90	83	223054	46.139	ug/l	97
48) Methyl methacrylate	7.78	41	201299	45.698	ug/l	89
49) 1,4-Dioxane	7.76	88	86152	935.386	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1273809	238.227	ug/l	93
52) Toluene	8.79	92	450465	48.197	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	273286	48.043	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	256918	49.626	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	178929	46.148	ug/l	99
56) Ethyl methacrylate	9.18	69	265546	50.003	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	292212	46.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	733954	286.505	ug/l	99
59) 2-Hexanone	9.50	43	1018968	250.897	ug/l	92
60) Dibromochloromethane	9.59	129	181397	44.807	ug/l	100
61) 1,2-Dibromoethane	9.68	107	184168	45.323	ug/l	99
64) Tetrachloroethene	9.34	164	228252	48.139	ug/l	91
65) Chlorobenzene	10.14	112	493624	46.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	176918	46.010	ug/l	99
67) Ethyl Benzene	10.26	91	861436	49.982	ug/l	99
68) m/p-Xylenes	10.36	106	668294	99.676	ug/l	98
69) o-Xylene	10.70	106	319081	49.124	ug/l	98
70) Styrene	10.71	104	529101	50.235	ug/l	98
71) Bromoform	10.86	173	140976	44.560	ug/l	97
73) Isopropylbenzene	11.02	105	865830	49.548	ug/l	100
74) N-amyl acetate	6.47	43	381621	45.779	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	259871	47.946	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	271808m	56.825	ug/l	
77) Bromobenzene	11.26	156	229152	45.420	ug/l	99
78) n-propylbenzene	11.36	91	1012199	52.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	585137	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	724822	49.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	76532	52.293	ug/l	92
82) 4-Chlorotoluene	11.51	91	693349	50.170	ug/l	100
83) tert-Butylbenzene	11.77	119	706468	48.606	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	744118	49.939	ug/l	98
85) sec-Butylbenzene	11.95	105	881053	51.286	ug/l	100
86) p-Isopropyltoluene	12.07	119	795216	50.806	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	427753	46.219	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	433218	46.236	ug/l	99
89) n-Butylbenzene	12.39	91	709652	54.267	ug/l	99
90) Hexachloroethane	12.60	117	114422	47.882	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	430073	46.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56476	48.566	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	310247	45.871	ug/l	100
94) Hexachlorobutadiene	13.79	225	146194	43.418	ug/l	99
95) Naphthalene	13.84	128	887725	50.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	312961	46.396	ug/l	99

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

