

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005742.D
 Acq On : 01 Nov 2018 20:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 04:20:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196662	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	87779	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	68490	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.72	98	240049	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	88678	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	68648	50.052	ug/l	99
3) Chloromethane	1.32	50	76301	47.164	ug/l	99
4) Vinyl Chloride	1.40	62	79551	47.264	ug/l	99
5) Bromomethane	1.64	94	85418	40.899	ug/l	96
6) Chloroethane	1.71	64	51145	47.281	ug/l	95
7) Trichlorofluoromethane	1.92	101	102713	47.543	ug/l	100
8) Diethyl Ether	2.19	74	45180	46.525	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59194	45.108	ug/l	91
10) Methyl Iodide	2.51	142	66209	51.763	ug/l	100
11) Tert butyl alcohol	3.08	59	119607	253.730	ug/l	98
12) 1,1-Dichloroethene	2.37	96	59767	46.739	ug/l	93
13) Acrolein	2.29	56	74003	220.903	ug/l	95
14) Allyl chloride	2.73	41	125208	47.353	ug/l	95
15) Acrylonitrile	3.15	53	249174	240.379	ug/l	98
16) Acetone	2.45	43	214756	240.253	ug/l	97
17) Carbon Disulfide	2.57	76	171220	43.574	ug/l	96
18) Methyl Acetate	2.78	43	126059	50.604	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	226781	51.235	ug/l	94
20) Methylene Chloride	2.85	84	72405	48.372	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	62811	46.420	ug/l	95
22) Diisopropyl ether	3.87	45	243132	49.569	ug/l	# 93
23) Vinyl Acetate	3.82	43	1091164	255.407	ug/l	99
24) 1,1-Dichloroethane	3.70	63	128702	46.404	ug/l	98
25) 2-Butanone	4.71	43	356732	243.629	ug/l	98
26) 2,2-Dichloropropane	4.58	77	79469	38.330	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	72393	47.613	ug/l	97
28) Bromochloromethane	5.02	49	63021	46.575	ug/l	93
29) Tetrahydrofuran	5.16	42	226971	253.962	ug/l	93
30) Chloroform	5.21	83	131033	48.322	ug/l	100
31) Cyclohexane	5.57	56	110769	47.760	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	103658	47.765	ug/l	97
36) 1,1-Dichloropropene	5.80	75	96168	45.897	ug/l	99
37) Ethyl Acetate	4.86	43	126259	47.233	ug/l	98
38) Carbon Tetrachloride	5.78	117	91140	48.145	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99387	45.482	ug/l	96
40) Benzene	6.14	78	290588	46.617	ug/l	99
41) Methacrylonitrile	5.06	41	67817	46.953	ug/l	96
42) 1,2-Dichloroethane	6.20	62	107167	46.512	ug/l	99
43) Isopropyl Acetate	6.46	43	186491	48.067	ug/l	98
44) Trichloroethene	7.21	130	63957	44.363	ug/l	90
45) 1,2-Dichloropropane	7.52	63	77119	48.277	ug/l	99
46) Dibromomethane	7.66	93	48780	47.782	ug/l	89
47) Bromodichloromethane	7.90	83	90639	47.333	ug/l	99
48) Methyl methacrylate	7.78	41	91619	48.790	ug/l	94
49) 1,4-Dioxane	7.76	88	41119	983.359	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	645074	243.836	ug/l	95
52) Toluene	8.79	92	163169	48.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100852	48.598	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	107047	48.146	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	71424	48.779	ug/l	99
56) Ethyl methacrylate	9.18	69	114193	46.144	ug/l	97
57) 1,3-Dichloropropane	9.37	76	122715	48.789	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	331312	235.325	ug/l	95
59) 2-Hexanone	9.50	43	549746	255.348	ug/l	96
60) Dibromochloromethane	9.59	129	73485	51.936	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73735	49.419	ug/l	93
64) Tetrachloroethene	9.34	164	62480	49.022	ug/l	91
65) Chlorobenzene	10.14	112	175393	47.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61924	48.795	ug/l	98
67) Ethyl Benzene	10.26	91	314073	49.641	ug/l	99
68) m/p-Xylenes	10.36	106	237082	100.844	ug/l	97
69) o-Xylene	10.70	106	114484	50.915	ug/l	97
70) Styrene	10.71	104	193298	51.759	ug/l	98
71) Bromoform	10.86	173	50962	49.562	ug/l #	98
73) Isopropylbenzene	11.02	105	311380	52.637	ug/l	99
74) N-amyl acetate	10.90	43	164461	52.217	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	120198	48.975	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137350	61.502	ug/l	87
77) Bromobenzene	11.26	156	74378	50.684	ug/l	88
78) n-propylbenzene	11.36	91	376131	52.266	ug/l	96
79) 2-Chlorotoluene	11.42	91	220201	51.231	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	265529	52.863	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	33655	48.690	ug/l	97
82) 4-Chlorotoluene	11.51	91	263992	51.446	ug/l	96
83) tert-Butylbenzene	11.77	119	251671	52.512	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	272320	53.690	ug/l	97
85) sec-Butylbenzene	11.94	105	319418	51.957	ug/l	96
86) p-Isopropyltoluene	12.07	119	273321	52.274	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	138602	48.847	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	140128	45.970	ug/l	98
89) n-Butylbenzene	12.39	91	262385	49.738	ug/l	98
90) Hexachloroethane	12.60	117	46239	49.846	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	142129	47.946	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29179	50.690	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95658	50.313	ug/l	99
94) Hexachlorobutadiene	13.79	225	42773	46.504	ug/l	99
95) Naphthalene	13.83	128	346351	55.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99017	51.157	ug/l	99

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

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