

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070218\
 Data File : VX003139.D
 Acq On : 02 Jul 2018 20:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/3/2018 3:54:09 PM

Quant Time: Jul 03 08:00:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	398588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181801	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	5.51	113	153907	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.72	98	548791	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	213279	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	141560	55.28	ug/l	99
3) Chloromethane	1.32	50	146153	55.06	ug/l	99
4) Vinyl Chloride	1.40	62	166363	51.26	ug/l	99
5) Bromomethane	1.64	94	52256	33.60	ug/l	98
6) Chloroethane	1.72	64	103132	54.35	ug/l	99
7) Trichlorofluoromethane	1.93	101	254824	46.55	ug/l	98
8) Diethyl Ether	2.19	74	96098	48.29	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145971	46.02	ug/l	97
10) Methyl Iodide	2.51	142	151989	47.59	ug/l	98
11) Tert butyl alcohol	3.09	59	170966	216.38	ug/l	100
12) 1,1-Dichloroethene	2.37	96	136554	48.25	ug/l	93
13) Acrolein	2.30	56	61282	141.76	ug/l	100
14) Allyl chloride	2.73	41	261526	46.88	ug/l	95
15) Acrylonitrile	3.15	53	407810	241.64	ug/l	99
16) Acetone	2.45	43	366275	222.99	ug/l	97
17) Carbon Disulfide	2.57	76	380197	50.42	ug/l	100
18) Methyl Acetate	2.78	43	195333	42.53	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	477680	46.95	ug/l	99
20) Methylene Chloride	2.86	84	157272	49.20	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	147846	47.96	ug/l	93
22) Diisopropyl ether	3.88	45	504086	47.27	ug/l	99
23) Vinyl Acetate	3.83	43	2207464	244.47	ug/l	98
24) 1,1-Dichloroethane	3.70	63	277464	47.87	ug/l	99
25) 2-Butanone	4.72	43	605101	248.22	ug/l	95
26) 2,2-Dichloropropane	4.59	77	169121	35.88	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	170512	49.34	ug/l	94
28) Bromochloromethane	5.03	49	130997	47.22	ug/l	91
29) Tetrahydrofuran	5.18	42	393036	251.42	ug/l	97
30) Chloroform	5.22	83	291971	49.09	ug/l	98
31) Cyclohexane	5.57	56	252228	50.71	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	260296	49.74	ug/l	98
36) 1,1-Dichloropropene	5.80	75	215639	49.33	ug/l	98
37) Ethyl Acetate	4.87	43	240390	51.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	236461	49.30	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248269	48.76	ug/l	97
40) Benzene	6.15	78	639408	50.35	ug/l	99
41) Methacrylonitrile	5.07	41	134881	49.77	ug/l	97
42) 1,2-Dichloroethane	6.20	62	237604	46.31	ug/l	98
43) Isopropyl Acetate	6.48	43	386319	48.94	ug/l	98
44) Trichloroethene	7.21	130	186800	49.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	162484	48.23	ug/l	99
46) Dibromomethane	7.67	93	112906	48.29	ug/l	94
47) Bromodichloromethane	7.90	83	218681	50.59	ug/l	99
48) Methyl methacrylate	7.79	41	200876	49.39	ug/l	95
49) 1,4-Dioxane	7.76	88	71870	908.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1231335	249.34	ug/l	97
52) Toluene	8.79	92	409594	50.34	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	248918	50.85	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	232367	49.34	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	168116	50.29	ug/l	97
56) Ethyl methacrylate	9.19	69	258265	52.86	ug/l	93
57) 1,3-Dichloropropane	9.38	76	273129	49.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	582984	247.31	ug/l	97
59) 2-Hexanone	9.50	43	933868	248.82	ug/l	96
60) Dibromochloromethane	9.59	129	183990	52.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180156	51.37	ug/l	100
64) Tetrachloroethene	9.34	164	216240	51.63	ug/l	99
65) Chlorobenzene	10.14	112	472946	49.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176209	50.70	ug/l	99
67) Ethyl Benzene	10.26	91	798162	50.50	ug/l	100
68) m/p-Xylenes	10.37	106	630939	103.58	ug/l	96
69) o-Xylene	10.70	106	304593	51.35	ug/l	98
70) Styrene	10.71	104	511763	53.10	ug/l	98
71) Bromoform	10.86	173	147727	47.27	ug/l	99
73) Isopropylbenzene	11.02	105	823655	51.19	ug/l	99
74) N-amyl acetate	6.48	43	386319	49.07	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	250565	50.55	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	246753m	56.96	ug/l	
77) Bromobenzene	11.26	156	230409	50.28	ug/l	96
78) n-propylbenzene	11.37	91	927299	50.63	ug/l	99
79) 2-Chlorotoluene	11.43	91	549254	49.53	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	689369	50.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64641	43.74	ug/l	98
82) 4-Chlorotoluene	11.51	91	648781	49.42	ug/l	98
83) tert-Butylbenzene	11.77	119	670963	50.24	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	715099	50.93	ug/l	98
85) sec-Butylbenzene	11.95	105	809419	49.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	735615	50.50	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	417251	49.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	417346	48.46	ug/l	99
89) n-Butylbenzene	12.39	91	609842	48.10	ug/l	99
90) Hexachloroethane	12.60	117	117223	54.10	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	419603	49.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58165	52.20	ug/l	94

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307966	50.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	146819	47.89	ug/l	99
95) Naphthalene	13.83	128	878061	53.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315347	51.36	ug/l	100

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

