

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000863.D
 Acq On : 13 Apr 2018 21:09
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 1:00:00 PM

Quant Time: Apr 14 05:48:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	149594	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	5.51	113	127873	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.73	98	466728	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.15	95	190200	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132445	47.27	ug/l	99
3) Chloromethane	1.32	50	105903	44.08	ug/l	98
4) Vinyl Chloride	1.40	62	130865	48.43	ug/l	96
5) Bromomethane	1.64	94	49014	43.65	ug/l	96
6) Chloroethane	1.72	64	76798	46.89	ug/l	99
7) Trichlorofluoromethane	1.93	101	193046	47.35	ug/l	98
8) Diethyl Ether	2.19	74	75380	49.50	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	113602	47.26	ug/l	100
10) Methyl Iodide	2.51	142	62395	36.09	ug/l	100
11) Tert butyl alcohol	3.09	59	152608	274.65	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107597	47.23	ug/l	98
13) Acrolein	2.30	56	37962	140.69	ug/l	98
14) Allyl chloride	2.73	41	202262	48.02	ug/l	97
15) Acrylonitrile	3.16	53	342197	288.86	ug/l	99
16) Acetone	2.45	43	295876	274.15	ug/l	99
17) Carbon Disulfide	2.57	76	286673	41.56	ug/l	100
18) Methyl Acetate	2.79	43	170490	61.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	380650	50.17	ug/l	99
20) Methylene Chloride	2.86	84	120762	48.11	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	117588	46.81	ug/l	98
22) Diisopropyl ether	3.89	45	396509	51.22	ug/l	100
23) Vinyl Acetate	3.84	43	1668158	245.43	ug/l	99
24) 1,1-Dichloroethane	3.70	63	211446	48.68	ug/l	99
25) 2-Butanone	4.73	43	512623	287.63	ug/l	100
26) 1,2-Dichloropropane	4.59	77	174706	40.52	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	141242	49.54	ug/l	98
28) Bromochloromethane	5.03	49	84491	48.30	ug/l	98
29) Tetrahydrofuran	5.18	42	327746	289.62	ug/l	100
30) Chloroform	5.23	83	232189	50.49	ug/l	97
31) Cyclohexane	5.58	56	192494	46.66	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	211526	48.28	ug/l	100
36) 1,1-Dichloropropene	5.81	75	173437	46.47	ug/l	98
37) Ethyl Acetate	4.88	43	197910	54.32	ug/l	100
38) Carbon Tetrachloride	5.79	117	187517	44.89	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	200761	44.79	ug/l	99
40) Benzene	6.15	78	503555	48.56	ug/l	99
41) Methacrylonitrile	5.08	41	113003	53.68	ug/l	99
42) 1,2-Dichloroethane	6.21	62	190360	49.15	ug/l	100
43) Isopropyl Acetate	6.48	43	319044	51.07	ug/l	100
44) Trichloroethene	7.22	130	154054	47.76	ug/l	98
45) 1,2-Dichloropropane	7.52	63	128826	48.78	ug/l	96
46) Dibromomethane	7.67	93	90514	49.16	ug/l	100
47) Bromodichloromethane	7.91	83	176661	47.54	ug/l	99
48) Methyl methacrylate	7.79	41	169328	52.29	ug/l	99
49) 1,4-Dioxane	7.77	88	69397	1066.47	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1031311	281.06	ug/l	98
52) Toluene	8.79	92	332138	48.27	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	209394	46.98	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	202023	46.55	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	137315	50.27	ug/l	99
56) Ethyl methacrylate	9.19	69	214115	50.82	ug/l	99
57) 1,3-Dichloropropane	9.38	76	220729	50.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	534341	271.43	ug/l	100
59) 2-Hexanone	9.51	43	798860	282.00	ug/l	99
60) Dibromochloromethane	9.59	129	156212	47.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	148329	51.19	ug/l	99
64) Tetrachloroethene	9.34	164	164951	51.72	ug/l	99
65) Chlorobenzene	10.15	112	397227	48.41	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	145833	47.22	ug/l	99
67) Ethyl Benzene	10.26	91	652939	47.73	ug/l	100
68) m/p-Xylenes	10.37	106	514332	95.26	ug/l	99
69) o-Xylene	10.71	106	250601	48.16	ug/l	100
70) Styrene	10.72	104	424832	48.42	ug/l	99
71) Bromoform	10.87	173	133809	46.80	ug/l	99
73) Isopropylbenzene	11.02	105	674200	47.57	ug/l	100
74) N-amyl acetate	6.48	43	319044	49.99	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208294	50.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	194333m	50.44	ug/l	
77) Bromobenzene	11.26	156	198459	47.78	ug/l	100
78) n-propylbenzene	11.37	91	759466	46.85	ug/l	100
79) 2-Chlorotoluene	11.43	91	449592	46.92	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	574305	47.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63604	45.41	ug/l	96
82) 4-Chlorotoluene	11.52	91	537880	46.51	ug/l	100
83) tert-Butylbenzene	11.78	119	580854	46.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	590608	46.93	ug/l	100
85) sec-Butylbenzene	11.95	105	693151	47.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	644307	46.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	362071	47.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	366362	46.50	ug/l	100
89) n-Butylbenzene	12.40	91	564775	46.64	ug/l	100
90) Hexachloroethane	12.60	117	101399	43.68	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	356060	47.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51287	49.77	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	299349	47.27	ug/l	99
94) Hexachlorobutadiene	13.79	225	150322	48.27	ug/l	100
95) Naphthalene	13.84	128	835943	51.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	295355	48.02	ug/l	99

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

