

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003189.D
 Acq On : 05 Jul 2018 23:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:31 PM

Quant Time: Jul 06 03:31:54 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	266384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161260	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	
35) Dibromofluoromethane	5.51	113	136938	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
50) Toluene-d8	8.72	98	480057	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	11.14	95	188244	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	128659	54.12	ug/l	98
3) Chloromethane	1.32	50	137037	55.63	ug/l	99
4) Vinyl Chloride	1.40	62	152520	50.63	ug/l	99
5) Bromomethane	1.64	94	62582	44.19	ug/l	99
6) Chloroethane	1.71	64	96560	54.84	ug/l	99
7) Trichlorofluoromethane	1.92	101	238824	47.00	ug/l	97
8) Diethyl Ether	2.19	74	90891	49.20	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138559	47.06	ug/l	96
10) Methyl Iodide	2.51	142	138642	46.87	ug/l	97
11) Tert butyl alcohol	3.08	59	179793	245.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	127137	48.39	ug/l	90
13) Acrolein	2.29	56	102577	252.22	ug/l	100
14) Allyl chloride	2.73	41	243942	47.11	ug/l	94
15) Acrylonitrile	3.15	53	402605	256.98	ug/l	99
16) Acetone	2.45	43	361582	237.13	ug/l	97
17) Carbon Disulfide	2.57	76	335203	47.89	ug/l	99
18) Methyl Acetate	2.78	43	201112	47.17	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	460744	48.78	ug/l	99
20) Methylene Chloride	2.85	84	145888	49.17	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	138509	48.41	ug/l	95
22) Diisopropyl ether	3.88	45	482865	48.78	ug/l	98
23) Vinyl Acetate	3.83	43	2086226	248.89	ug/l	98
24) 1,1-Dichloroethane	3.70	63	262560	48.80	ug/l	99
25) 2-Butanone	4.71	43	607800	268.59	ug/l	98
26) 2,2-Dichloropropane	4.59	77	142349	32.54	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	166026	51.75	ug/l	91
28) Bromochloromethane	5.03	49	121884	47.33	ug/l	92
29) Tetrahydrofuran	5.17	42	392266	270.31	ug/l	96
30) Chloroform	5.22	83	284684	51.56	ug/l	95
31) Cyclohexane	5.57	56	236705	51.26	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	250660	51.60	ug/l	99
36) 1,1-Dichloropropene	5.80	75	202015	50.25	ug/l	98
37) Ethyl Acetate	4.87	43	232410	53.69	ug/l	99
38) Carbon Tetrachloride	5.78	117	229128	51.94	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238216	50.87	ug/l	96
40) Benzene	6.15	78	613719	52.54	ug/l	99
41) Methacrylonitrile	5.07	41	132660	53.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229027	48.54	ug/l	98
43) Isopropyl Acetate	6.48	43	371753	51.21	ug/l	97
44) Trichloroethene	7.21	130	178914	51.38	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160518	51.81	ug/l	100
46) Dibromomethane	7.67	93	109577	50.96	ug/l	94
47) Bromodichloromethane	7.90	83	209126	52.61	ug/l	99
48) Methyl methacrylate	7.78	41	195972	52.39	ug/l	94
49) 1,4-Dioxane	7.76	88	79484	1092.23	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1219333	268.47	ug/l	97
52) Toluene	8.79	92	393174	52.54	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	232490	51.64	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	216189	49.91	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	163243	53.09	ug/l	98
56) Ethyl methacrylate	9.19	69	247072	54.98	ug/l	93
57) 1,3-Dichloropropane	9.38	76	266201	52.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	500328	230.78	ug/l	97
59) 2-Hexanone	9.50	43	923474	267.53	ug/l	96
60) Dibromochloromethane	9.59	129	177770	54.92	ug/l	100
61) 1,2-Dibromoethane	9.68	107	172987	53.64	ug/l	99
64) Tetrachloroethene	9.34	164	209829	54.24	ug/l	99
65) Chlorobenzene	10.14	112	456570	51.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172594	53.77	ug/l	100
67) Ethyl Benzene	10.26	91	764486	52.37	ug/l	100
68) m/p-Xylenes	10.36	106	600017	106.65	ug/l	97
69) o-Xylene	10.70	106	290622	53.05	ug/l	98
70) Styrene	10.71	104	491527	55.22	ug/l	98
71) Bromoform	10.86	173	144611	49.87	ug/l	99
73) Isopropylbenzene	11.02	105	793990	53.10	ug/l	99
74) N-amyl acetate	6.48	43	371753	50.81	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	239399	51.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	240532m	59.74	ug/l	
77) Bromobenzene	11.26	156	221716	52.06	ug/l	96
78) n-propylbenzene	11.36	91	881987	51.82	ug/l	98
79) 2-Chlorotoluene	11.43	91	528348	51.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	665605	52.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60798	44.23	ug/l	96
82) 4-Chlorotoluene	11.51	91	619743	50.80	ug/l	98
83) tert-Butylbenzene	11.77	119	651716	52.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	682830	52.33	ug/l	98
85) sec-Butylbenzene	11.95	105	787455	52.29	ug/l	99
86) p-Isopropyltoluene	12.07	119	722776	53.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	403510	51.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408521	51.04	ug/l	99
89) n-Butylbenzene	12.39	91	587506	49.86	ug/l	98
90) Hexachloroethane	12.60	117	109856	54.56	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	411205	52.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55988	54.07	ug/l	92

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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	299181	52.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	145293	50.99	ug/l	99
95) Naphthalene	13.84	128	869168	57.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320379	56.14	ug/l	100

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

