

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091118\
 Data File : VX004467.D
 Acq On : 11 Sep 2018 13:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:18 AM

Quant Time: Sep 12 02:09:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205845	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	177900	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.50	113	166245	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.72	98	547972	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	191961	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	141255	51.94	ug/l	96
3) Chloromethane	1.32	50	176773	47.23	ug/l	99
4) Vinyl Chloride	1.40	62	192829	50.19	ug/l	97
5) Bromomethane	1.64	94	80001	43.64	ug/l	100
6) Chloroethane	1.71	64	120189	48.38	ug/l	99
7) Trichlorofluoromethane	1.92	101	242937	47.70	ug/l	94
8) Diethyl Ether	2.18	74	113029	49.51	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153521	47.52	ug/l	100
10) Methyl Iodide	2.51	142	192766	54.25	ug/l	97
11) Tert butyl alcohol	3.08	59	213635	239.27	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146654	48.37	ug/l	94
13) Acrolein	2.29	56	77422	219.67	ug/l	96
14) Allyl chloride	2.73	41	305726	49.04	ug/l	95
15) Acrylonitrile	3.15	53	504674	234.72	ug/l	93
16) Acetone	2.45	43	405648	222.12	ug/l	94
17) Carbon Disulfide	2.57	76	442082	50.44	ug/l	99
18) Methyl Acetate	2.78	43	238089	46.47	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	506590	47.62	ug/l	92
20) Methylene Chloride	2.85	84	171141	45.68	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	159426	47.58	ug/l	96
22) Diisopropyl ether	3.87	45	543611	48.42	ug/l	96
23) Vinyl Acetate	3.82	43	2349037	258.54	ug/l	95
24) 1,1-Dichloroethane	3.69	63	309090	48.76	ug/l	98
25) 2-Butanone	4.70	43	670775	230.78	ug/l	96
26) 2,2-Dichloropropane	4.58	77	208158	47.81	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	181178	48.44	ug/l	98
28) Bromochloromethane	5.02	49	138781	47.86	ug/l	97
29) Tetrahydrofuran	5.17	42	440808	251.48	ug/l	97
30) Chloroform	5.21	83	304223	49.16	ug/l	93
31) Cyclohexane	5.57	56	287117	53.05	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	241377	48.43	ug/l	98
36) 1,1-Dichloropropene	5.80	75	222929	52.51	ug/l	98
37) Ethyl Acetate	4.86	43	253403	52.48	ug/l	99
38) Carbon Tetrachloride	5.78	117	218935	52.80	ug/l	94

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39) Methylcyclohexane	7.46	83	242232	54.67	ug/l	97
40) Benzene	6.14	78	671981	53.34	ug/l	95
41) Methacrylonitrile	5.06	41	137639	51.73	ug/l	100
42) 1,2-Dichloroethane	6.20	62	204729	49.00	ug/l	99
43) Isopropyl Acetate	6.46	43	331082	51.62	ug/l	98
44) Trichloroethene	7.21	130	168528	51.50	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156660	51.68	ug/l	100
46) Dibromomethane	7.66	93	98873	51.63	ug/l	98
47) Bromodichloromethane	7.90	83	189942	52.45	ug/l	99
48) Methyl methacrylate	7.78	41	173512	54.67	ug/l	97
49) 1,4-Dioxane	7.76	88	82308	1095.64	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1116957	246.79	ug/l	98
52) Toluene	8.79	92	395940	53.35	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	240571	56.87	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	233523	54.15	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	168173	52.63	ug/l	93
56) Ethyl methacrylate	9.18	69	257218	56.90	ug/l	96
57) 1,3-Dichloropropane	9.37	76	261950	50.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	587997	283.51	ug/l	95
59) 2-Hexanone	9.50	43	871629	251.07	ug/l	97
60) Dibromochloromethane	9.59	129	154133	51.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156450	51.25	ug/l	100
64) Tetrachloroethene	9.34	164	221400	52.92	ug/l	95
65) Chlorobenzene	10.14	112	416050	49.98	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	147098	51.24	ug/l	99
67) Ethyl Benzene	10.26	91	714270	52.77	ug/l	98
68) m/p-Xylenes	10.36	106	563005	107.98	ug/l	98
69) o-Xylene	10.70	106	266762	53.22	ug/l	98
70) Styrene	10.71	104	454274	54.70	ug/l	99
71) Bromoform	10.86	173	121841	51.69	ug/l	100
73) Isopropylbenzene	11.02	105	720782	53.17	ug/l	100
74) N-amyl acetate	10.90	43	297690	52.17	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	212488	48.59	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	208742m	51.90	ug/l	
77) Bromobenzene	11.26	156	188817	50.39	ug/l	97
78) n-propylbenzene	11.36	91	833719	53.49	ug/l	100
79) 2-Chlorotoluene	11.42	91	489875	51.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	614959	53.96	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	68677	52.86	ug/l	97
82) 4-Chlorotoluene	11.51	91	580689	52.63	ug/l	100
83) tert-Butylbenzene	11.77	119	574743	52.97	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	632966	54.40	ug/l	98
85) sec-Butylbenzene	11.95	105	744480	53.85	ug/l	98
86) p-Isopropyltoluene	12.07	119	663251	54.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	353521	50.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357383	49.47	ug/l	99
89) n-Butylbenzene	12.39	91	590484	53.07	ug/l	98
90) Hexachloroethane	12.60	117	99772	51.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355458	50.23	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49896	53.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263289	52.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	129879	49.62	ug/l	97
95) Naphthalene	13.83	128	781779	55.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	266030	51.68	ug/l	99

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

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