

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009354.D
 Acq On : 06 May 2019 16:38
 Operator : JC/SP
 Sample : K2241-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 9:41:56 AM

Quant Time: May 07 10:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:18:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107857	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	117431	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	5.50	113	84925	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	341376	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.13	95	115528	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	377	0.241	ug/l	95
3) Chloromethane	1.33	50	809	0.378	ug/l #	86
4) Vinyl Chloride	1.40	62	452	0.217	ug/l	91
7) Trichlorofluoromethane	1.93	101	699	0.276	ug/l	90
8) Diethyl Ether	2.19	74	439	0.366	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	413	0.260	ug/l	97
14) Allyl chloride	2.73	41	1129	0.291	ug/l	91
15) Acrylonitrile	3.15	53	1491	1.136	ug/l #	84
16) Acetone	2.45	43	1974	1.585	ug/l	94
17) Carbon Disulfide	2.57	76	1194	0.267	ug/l	98
18) Methyl Acetate	2.78	43	1083	0.366	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1389	0.224	ug/l #	84
20) Methylene Chloride	2.85	84	582	0.289	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	421	0.244	ug/l #	70
22) Diisopropyl ether	3.86	45	1652	0.221	ug/l #	72
23) Vinyl Acetate	3.82	43	6523	1.020	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	959	0.260	ug/l #	84
25) 2-Butanone	4.69	43	2080	1.075	ug/l	96
26) 2,2-Dichloropropane	4.59	77	692m	0.252	ug/l	
27) cis-1,2-Dichloroethene	4.61	96	545	0.264	ug/l	87
28) Bromochloromethane	5.01	49	639m	0.386	ug/l	
29) Tetrahydrofuran	5.15	42	1526	1.225	ug/l #	88
30) Chloroform	5.21	83	933m	0.280	ug/l	
32) 1,1,1-Trichloroethane	5.52	97	730m	0.263	ug/l	
36) 1,1-Dichloropropene	5.80	75	759	0.295	ug/l	85
37) Ethyl Acetate	4.85	43	1243m	0.347	ug/l	
38) Carbon Tetrachloride	5.78	117	626	0.268	ug/l #	61
39) Methylcyclohexane	7.46	83	762	0.241	ug/l	97
40) Benzene	6.15	78	1861	0.234	ug/l	99
41) Methacrylonitrile	5.05	41	779m	0.365	ug/l	
42) 1,2-Dichloroethane	6.21	62	953	0.334	ug/l	94
43) Isopropyl Acetate	6.46	43	1390	0.243	ug/l #	91
44) Trichloroethene	7.21	130	471	0.245	ug/l	64
45) 1,2-Dichloropropane	7.51	63	514	0.228	ug/l #	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Dibromomethane	7.67	93	285	0.218	ug/l #	85
47) Bromodichloromethane	7.90	83	571	0.219	ug/l #	57
48) Methyl methacrylate	7.78	41	968	0.341	ug/l #	76
49) 1,4-Dioxane	7.76	88	233m	4.041	ug/l	
51) 4-Methyl-2-Pentanone	8.65	43	3875	1.035	ug/l	99
52) Toluene	8.79	92	974	0.201	ug/l	86
53) t-1,3-Dichloropropene	9.04	75	602	0.204	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	739	0.227	ug/l #	71
55) 1,1,2-Trichloroethane	9.21	97	423	0.214	ug/l #	87
56) Ethyl methacrylate	9.18	69	737m	0.209	ug/l	
57) 1,3-Dichloropropane	9.37	76	818	0.236	ug/l #	69
58) 2-Chloroethyl Vinyl ether	8.32	63	1877	1.004	ug/l	94
59) 2-Hexanone	9.50	43	2798	0.951	ug/l	97
60) Dibromochloromethane	9.58	129	429	0.223	ug/l	91
64) Tetrachloroethene	9.34	164	469	0.283	ug/l #	64
65) Chlorobenzene	10.13	112	1080	0.223	ug/l	98
67) Ethyl Benzene	10.25	91	1849	0.208	ug/l	99
68) m/p-Xylenes	10.36	106	1262	0.388	ug/l	92
69) o-Xylene	10.70	106	696	0.217	ug/l	91
73) Isopropylbenzene	11.02	105	1769	0.226	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	792	0.271	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	755m	0.302	ug/l	
77) Bromobenzene	11.26	156	405	0.208	ug/l	74
78) n-propylbenzene	11.36	91	1903	0.212	ug/l	96
79) 2-Chlorotoluene	11.42	91	1461	0.264	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1383	0.209	ug/l	99
82) 4-Chlorotoluene	11.51	91	1308	0.210	ug/l	92
83) tert-Butylbenzene	11.77	119	1330	0.207	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	729	0.210	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	837m	0.239	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	756	0.214	ug/l	87

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

