

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027592.D
 Acq On : 11 Oct 2018 12:37
 Operator : MD/SY
 Sample : J5164-07 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:57 PM

Quant Time: Oct 12 02:16:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	115629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	200930	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	90073	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	4.89	113	63809	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	7.57	98	230736	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	10.31	95	73485	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	638	0.51	ug/l	98
3) Chloromethane	1.33	50	1048	0.53	ug/l	92
4) Vinyl Chloride	1.40	62	1038	0.56	ug/l	90
5) Bromomethane	1.63	94	619	0.62	ug/l	98
7) Trichlorofluoromethane	1.89	101	1193	0.58	ug/l	91
8) Diethyl Ether	2.10	74	489	0.52	ug/l	70
9) 1,1,2-Trichlorotrifluoroet	2.29	101	749	0.62	ug/l #	71
12) 1,1-Dichloroethene	2.28	96	668	0.56	ug/l #	93
13) Acrolein	2.20	56	931	2.69	ug/l	100
14) Allyl chloride	2.60	41	1739	0.60	ug/l #	93
15) Acrylonitrile	2.95	53	2795	2.70	ug/l	97
16) Acetone	2.32	43	3587	3.29	ug/l	99
17) Carbon Disulfide	2.48	76	2904	0.71	ug/l	96
18) Methyl Acetate	2.62	43	1529	0.56	ug/l #	81
19) Methyl tert-butyl Ether	3.00	73	2230	0.49	ug/l	94
20) Methylene Chloride	2.71	84	913	0.59	ug/l #	84
21) trans-1,2-Dichloroethene	2.99	96	657	0.50	ug/l #	83
22) Diisopropyl ether	3.58	45	2649	0.48	ug/l #	77
23) Vinyl Acetate	3.54	43	11043	2.37	ug/l	99
24) 1,1-Dichloroethane	3.45	63	1548	0.53	ug/l #	85
25) 2-Butanone	4.29	43	3794	2.45	ug/l	97
26) 2,2-Dichloropropane	4.22	77	1222	0.52	ug/l #	72
27) cis-1,2-Dichloroethene	4.23	96	714	0.49	ug/l	85
28) Bromochloromethane	4.55	49	772	0.54	ug/l #	83
29) Tetrahydrofuran	4.66	42	2546	2.63	ug/l #	76
30) Chloroform	4.68	83	1540	0.59	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	995	0.45	ug/l #	51
36) 1,1-Dichloropropene	5.14	75	1212	0.59	ug/l #	76
38) Carbon Tetrachloride	5.13	117	973	0.52	ug/l	96
39) Methylcyclohexane	6.41	83	1180	0.51	ug/l #	92
40) Benzene	5.40	78	3162	0.51	ug/l	98
41) Methacrylonitrile	4.57	41	572	0.95	ug/l #	65
43) Isopropyl Acetate	5.56	43	1969	0.46	ug/l #	84
44) Trichloroethene	6.20	130	704	0.52	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	6.44	63	854	0.49	ug/l	100
46) Dibromomethane	6.57	93	442	0.43	ug/l	93
47) Bromodichloromethane	6.76	83	943	0.45	ug/l #	84
48) Methyl methacrylate	6.64	41	980	1.90	ug/l #	81
49) 1,4-Dioxane	6.63	88	224	5.52	ug/l #	66
51) 4-Methyl-2-Pentanone	7.47	43	6366	2.23	ug/l	90
52) Toluene	7.64	92	1871	0.53	ug/l	93
53) t-1,3-Dichloropropene	7.89	75	1136	0.48	ug/l	99
54) cis-1,3-Dichloropropene	7.28	75	1238	0.48	ug/l #	86
55) 1,1,2-Trichloroethane	8.07	97	632	0.43	ug/l	95
56) Ethyl methacrylate	8.03	69	690	2.42	ug/l #	73
57) 1,3-Dichloropropane	8.25	76	1287	0.46	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.14	63	2497	7.20	ug/l	97
59) 2-Hexanone	8.37	43	4662	2.10	ug/l	86
60) Dibromochloromethane	8.48	129	600	0.41	ug/l	96
61) 1,2-Dibromoethane	8.59	107	739	0.48	ug/l	95
64) Tetrachloroethene	8.23	164	477	0.44	ug/l #	86
65) Chlorobenzene	9.12	112	2024	0.55	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	574	0.46	ug/l #	62
67) Ethyl Benzene	9.25	91	3172	0.51	ug/l	97
68) m/p-Xylenes	9.38	106	2134	0.93	ug/l	93
69) o-Xylene	9.78	106	937	0.42	ug/l	88
70) Styrene	9.80	104	1453	1.60	ug/l	99
71) Bromoform	9.96	173	406	0.39	ug/l #	85
73) Isopropylbenzene	10.17	105	2637	0.53	ug/l	94
74) N-amyl acetate	10.02	43	1245	0.43	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	10.46	83	1193	0.56	ug/l #	98
76) 1,2,3-Trichloropropane	10.50	75	1585	0.75	ug/l	71
77) Bromobenzene	10.46	156	654	0.54	ug/l	74
78) n-propylbenzene	10.59	91	3415	0.57	ug/l	90
79) 2-Chlorotoluene	10.67	91	2086	0.57	ug/l	95
80) 1,3,5-Trimethylbenzene	10.77	105	1952	0.23	ug/l	97
82) 4-Chlorotoluene	10.78	91	2307	0.56	ug/l	92
83) tert-Butylbenzene	11.10	119	1978	0.49	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	2150	0.47	ug/l	98
85) sec-Butylbenzene	11.33	105	2230	0.71	ug/l	93
86) p-Isopropyltoluene	11.48	119	1804	0.86	ug/l	88
87) 1,3-Dichlorobenzene	11.42	146	1399	0.62	ug/l	89
88) 1,4-Dichlorobenzene	11.51	146	1512m	0.63	ug/l	
89) n-Butylbenzene	11.89	91	1532	1.89	ug/l	89
90) Hexachloroethane	12.15	117	416	0.51	ug/l	81
91) 1,2-Dichlorobenzene	11.88	146	1215	0.53	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.67	75	162	0.35	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.51	180	487	1.94	ug/l #	83
94) Hexachlorobutadiene	13.70	225	430	0.59	ug/l	80
96) 1,2,3-Trichlorobenzene	13.99	180	492	0.33	ug/l	66

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

