

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027212.D
 Acq On : 27 Sep 2018 05:27
 Operator : MD/SY
 Sample : J5048-10MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CMT-22-6-SEP18MS

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:33:25 PM

Quant Time: Sep 27 08:21:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	141510	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	87197	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
35) Dibromofluoromethane	4.88	113	62719	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	7.57	98	233277	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	86238	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	41694	40.747 ug/l	95
3) Chloromethane	1.33	50	67553	38.292 ug/l	100
4) Vinyl Chloride	1.40	62	71229	43.254 ug/l	100
5) Bromomethane	1.62	94	13690	14.598 ug/l	93
6) Chloroethane	1.69	64	48589	46.179 ug/l	100
7) Trichlorofluoromethane	1.88	101	83783	44.796 ug/l	99
8) Diethyl Ether	2.10	74	42037	46.695 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49833	43.333 ug/l	98
10) Methyl Iodide	2.41	142	10779	7.557 ug/l	99
11) Tert butyl alcohol	2.83	59	103253	285.593 ug/l	98
12) 1,1-Dichloroethene	2.28	96	49021	45.288 ug/l	97
13) Acrolein	2.19	56	33899	173.936 ug/l	100
14) Allyl chloride	2.59	41	110245	50.216 ug/l	97
15) Acrylonitrile	2.94	53	252005	276.559 ug/l	99
16) Acetone	2.32	43	226525	271.805 ug/l	99
17) Carbon Disulfide	2.48	76	148486	42.110 ug/l	100
18) Methyl Acetate	2.62	43	110951	49.420 ug/l	99
19) Methyl tert-butyl Ether	3.00	73	221934	55.795 ug/l	99
20) Methylene Chloride	2.70	84	66901	47.359 ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	55812	48.294 ug/l	99
22) Diisopropyl ether	3.57	45	266351	56.721 ug/l	97
23) Vinyl Acetate	3.53	43	924342	230.925 ug/l	100
24) 1,1-Dichloroethane	3.45	63	135373	52.343 ug/l	100
25) 2-Butanone	4.26	43	361795	272.933 ug/l	99
26) 2,2-Dichloropropane	4.23	77	56145	27.836 ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	76399	58.538 ug/l	96
28) Bromochloromethane	4.55	49	76617	61.456 ug/l	96
29) Tetrahydrofuran	4.64	42	233486	291.170 ug/l	97
30) Chloroform	4.67	83	120569	50.223 ug/l	98
31) Cyclohexane	5.00	56	111364	47.339 ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	99467	51.894 ug/l	98
36) 1,1-Dichloropropene	5.14	75	85800	45.430 ug/l	99
37) Ethyl Acetate	4.38	43	107324	41.978 ug/l	100
38) Carbon Tetrachloride	5.14	117	82396	45.845 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	92162	44.905	ug/l	99
40) Benzene	5.39	78	265376	46.222	ug/l	99
41) Methacrylonitrile	4.54	41	73617	55.443	ug/l	97
42) 1,2-Dichloroethane	5.40	62	103451	47.692	ug/l	100
43) Isopropyl Acetate	5.55	43	182412	48.922	ug/l	99
44) Trichloroethene	6.19	130	63264	51.759	ug/l	100
45) 1,2-Dichloropropane	6.43	63	81415	49.767	ug/l	98
46) Dibromomethane	6.56	93	46531	47.096	ug/l	99
47) Bromodichloromethane	6.76	83	95833	47.969	ug/l	99
48) Methyl methacrylate	6.62	41	101276	49.906	ug/l	99
49) 1,4-Dioxane	6.61	88	37709	935.521	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	684535	272.972	ug/l	99
52) Toluene	7.64	92	161657	49.122	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	101657	47.360	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	106985	45.331	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69598	49.911	ug/l	99
56) Ethyl methacrylate	8.02	69	117974	48.814	ug/l	98
57) 1,3-Dichloropropane	8.24	76	128637	49.599	ug/l	100
59) 2-Hexanone	8.36	43	528790	269.380	ug/l	100
60) Dibromochloromethane	8.48	129	69670	50.935	ug/l	98
61) 1,2-Dibromoethane	8.59	107	70402	48.523	ug/l	99
64) Tetrachloroethene	8.23	164	46122	43.110	ug/l	98
65) Chlorobenzene	9.12	112	170057	46.194	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	61937	48.846	ug/l	99
67) Ethyl Benzene	9.25	91	302918	50.039	ug/l	100
68) m/p-Xylenes	9.38	106	223426	91.267	ug/l	99
69) o-Xylene	9.78	106	110585	51.558	ug/l	99
70) Stvrene	9.79	104	178264	44.711	ug/l	99
71) Bromoform	9.96	173	51924	52.954	ug/l #	100
73) Isopropylbenzene	10.17	105	297158	51.989	ug/l	99
74) N-amyl acetate	10.01	43	151852	45.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	122180	46.493	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	109504m	47.971	ug/l	
77) Bromobenzene	10.45	156	68980	49.386	ug/l	98
78) n-propylbenzene	10.59	91	348642	51.551	ug/l	99
79) 2-Chlorotoluene	10.66	91	209669	49.356	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	242607	51.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	34068m	47.761	ug/l	
82) 4-Chlorotoluene	10.77	91	239016	50.179	ug/l	99
83) tert-Butylbenzene	11.10	119	240982	51.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	249392	51.939	ug/l	98
85) sec-Butylbenzene	11.32	105	291412	51.177	ug/l	100
86) p-Isopropyltoluene	11.48	119	245547	46.031	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	124063	47.732	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	125584	44.332	ug/l	100
89) n-Butylbenzene	11.89	91	220965	43.013	ug/l	99
90) Hexachloroethane	12.15	117	47074	45.461	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	127696	46.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27413	51.133	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	80362	50.509	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	36682	43.573	ug/l	99
95) Naphthalene	13.74	128	291196	46.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	85592	50.164	ug/l	99

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

