

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028594.D
 Acq On : 11 Dec 2018 09:18
 Operator : MD/SY
 Sample : J6305-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW004-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 3:02:31 PM

Quant Time: Dec 11 13:17:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	151761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	70408	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	4.88	113	50419	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	7.56	98	195418	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	10.30	95	73732	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56970	50.210	ug/l	99
3) Chloromethane	1.33	50	98965	47.442	ug/l	99
4) Vinyl Chloride	1.40	62	75045	49.850	ug/l	99
5) Bromomethane	1.60	94	31805	52.448	ug/l	98
6) Chloroethane	1.68	64	42849	50.277	ug/l	100
7) Trichlorofluoromethane	1.88	101	88919	56.141	ug/l	98
8) Diethyl Ether	2.10	74	36033	48.626	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45762	48.310	ug/l	98
10) Methyl Iodide	2.41	142	42659	57.394	ug/l	99
11) Tert butyl alcohol	2.83	59	122404	425.283	ug/l	100
12) 1,1-Dichloroethene	2.28	96	46714	49.564	ug/l	96
13) Acrolein	2.19	56	61732	269.048	ug/l	99
14) Allyl chloride	2.59	41	109399	49.066	ug/l	98
15) Acrylonitrile	2.93	53	264775	331.353	ug/l	100
16) Acetone	2.32	43	375040	444.894	ug/l	99
17) Carbon Disulfide	2.48	76	161824	47.660	ug/l	99
18) Methyl Acetate	2.61	43	250836	114.786	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	185416	51.895	ug/l	100
20) Methylene Chloride	2.70	84	59864	48.173	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	51263	48.308	ug/l	97
22) Diisopropyl ether	3.57	45	231840	53.470	ug/l	98
23) Vinyl Acetate	3.52	43	879398	245.886	ug/l	99
24) 1,1-Dichloroethane	3.44	63	115645	50.952	ug/l	99
25) 2-Butanone	4.26	43	422906	367.097	ug/l	98
26) 2,2-Dichloropropane	4.22	77	63881	35.521	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	59625	49.642	ug/l	99
28) Bromochloromethane	4.55	49	58462	56.661	ug/l	94
29) Tetrahydrofuran	4.63	42	273396	369.516	ug/l	97
30) Chloroform	4.67	83	102670	51.902	ug/l	95
31) Cyclohexane	4.99	56	112955	51.023	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	83251	50.673	ug/l	99
36) 1,1-Dichloropropene	5.13	75	79208	47.696	ug/l	99
37) Ethyl Acetate	4.38	43	126361	58.860	ug/l	99
38) Carbon Tetrachloride	5.13	117	65603	49.011	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	89520	44.185	ug/l	99
40) Benzene	5.39	78	252951	51.716	ug/l	97
41) Methacrylonitrile	4.54	41	74899	63.707	ug/l	98
42) 1,2-Dichloroethane	5.40	62	86833	50.718	ug/l	99
43) Isopropyl Acetate	5.55	43	192718	56.756	ug/l	99
44) Trichloroethene	6.19	130	53244	48.958	ug/l	95
45) 1,2-Dichloropropane	6.43	63	71427	51.931	ug/l	98
46) Dibromomethane	6.56	93	41207	50.494	ug/l	98
47) Bromodichloromethane	6.76	83	79165	49.851	ug/l	100
48) Methyl methacrylate	6.62	41	101738	60.249	ug/l	99
49) 1,4-Dioxane	6.61	88	37802	1417.773	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	741922	346.428	ug/l	99
52) Toluene	7.64	92	143484	49.846	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	90747	47.981	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	96217	46.890	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	58118	51.077	ug/l	99
56) Ethyl methacrylate	8.02	69	106848	54.835	ug/l	97
57) 1,3-Dichloropropane	8.24	76	107674	50.977	ug/l	99
59) 2-Hexanone	8.36	43	611080	359.994	ug/l	100
60) Dibromochloromethane	8.48	129	56136	50.390	ug/l	97
61) 1,2-Dibromoethane	8.58	107	62426	52.317	ug/l	99
64) Tetrachloroethene	8.23	164	43186	45.728	ug/l	97
65) Chlorobenzene	9.12	112	144969	48.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	50136	52.039	ug/l	99
67) Ethyl Benzene	9.25	91	277357	50.008	ug/l	99
68) m/p-Xylenes	9.37	106	201804	99.995	ug/l	98
69) o-Xylene	9.78	106	98431	50.188	ug/l	99
70) Stvrene	9.79	104	163207	50.284	ug/l	100
71) Bromoform	9.96	173	43557	53.145	ug/l #	99
73) Isopropylbenzene	10.16	105	257050	47.802	ug/l	100
74) N-amyl acetate	10.01	43	158233	51.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117849	57.050	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	98275m	54.918	ug/l	
77) Bromobenzene	10.45	156	61625	49.000	ug/l	99
78) n-propylbenzene	10.58	91	318605	47.682	ug/l	100
79) 2-Chlorotoluene	10.66	91	188701	49.027	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	217839	48.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	40047m	54.970	ug/l	
82) 4-Chlorotoluene	10.77	91	217239	47.629	ug/l	100
83) tert-Butylbenzene	11.10	119	206435	48.116	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	227961	49.693	ug/l	100
85) sec-Butylbenzene	11.32	105	260453	47.254	ug/l	99
86) p-Isopropyltoluene	11.48	119	219672	46.918	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	111640	47.011	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	112910	45.955	ug/l	99
89) n-Butylbenzene	11.89	91	210268	44.375	ug/l	99
90) Hexachloroethane	12.14	117	31966	45.170	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	114764	48.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29999	67.079	ug/l	99
93) 1,2,4-Trichlorobenzene	13.50	180	75699	46.437	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	32987	42.394	ug/l	97
95) Naphthalene	13.74	128	305081	53.522	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76916	47.354	ug/l	99

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

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