

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024505.D
 Acq On : 13 Jun 2018 13:54
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU061318

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 9:44:48 AM

Quant Time: Jun 13 17:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	209361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	320083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	306834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	184526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	168888	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	4.89	113	137903	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
50) Toluene-d8	7.57	98	504755	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	10.31	95	199350	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	127180	48.532	ug/l	99
3) Chloromethane	1.33	50	134633	50.287	ug/l	98
4) Vinyl Chloride	1.40	62	133804	48.462	ug/l	98
5) Bromomethane	1.62	94	71804	53.797	ug/l	100
6) Chloroethane	1.70	64	77653	50.339	ug/l	100
7) Trichlorofluoromethane	1.89	101	194757	46.221	ug/l	99
8) Diethyl Ether	2.10	74	71668	49.979	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	125618	48.055	ug/l	99
10) Methyl Iodide	2.41	142	93398	43.041	ug/l	100
11) Tert butyl alcohol	2.82	59	188298	226.523	ug/l	98
12) 1,1-Dichloroethene	2.28	96	117204	49.165	ug/l	91
13) Acrolein	2.19	56	101463	232.440	ug/l	97
14) Allyl chloride	2.60	41	210200	47.489	ug/l	97
15) Acrylonitrile	2.94	53	394004	243.618	ug/l	98
16) Acetone	2.32	43	441718	240.533	ug/l	99
17) Carbon Disulfide	2.48	76	382674	50.132	ug/l	99
18) Methyl Acetate	2.62	43	184382	46.834	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	433870	48.418	ug/l	98
20) Methylene Chloride	2.70	84	134649	46.729	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	127392	48.519	ug/l	98
22) Diisopropyl ether	3.57	45	420034	47.871	ug/l	97
23) Vinyl Acetate	3.53	43	1932599	245.878	ug/l	99
24) 1,1-Dichloroethane	3.45	63	242928	48.127	ug/l	98
25) 2-Butanone	4.26	43	604503	245.064	ug/l	98
26) 2,2-Dichloropropane	4.23	77	232735	48.558	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	145628	48.244	ug/l	99
28) Bromochloromethane	4.55	49	114112	51.325	ug/l	89
29) Tetrahydrofuran	4.63	42	358918	234.962	ug/l	97
30) Chloroform	4.68	83	246789	48.304	ug/l	100
31) Cyclohexane	5.00	56	227307	50.739	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	222937	47.188	ug/l	96
36) 1,1-Dichloropropene	5.14	75	189454	50.370	ug/l	99
37) Ethyl Acetate	4.38	43	209691	51.151	ug/l	97
38) Carbon Tetrachloride	5.14	117	207682	50.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	233808	49.813	ug/l	96
40) Benzene	5.39	78	532500	49.685	ug/l	100
41) Methacrylonitrile	4.54	41	115007	52.033	ug/l	99
42) 1,2-Dichloroethane	5.41	62	202051	49.500	ug/l	100
43) Isopropyl Acetate	5.55	43	343523	48.478	ug/l	98
44) Trichloroethene	6.19	130	150568	49.364	ug/l	98
45) 1,2-Dichloropropane	6.44	63	144397	50.494	ug/l	99
46) Dibromomethane	6.56	93	102474	51.016	ug/l	98
47) Bromodichloromethane	6.76	83	200130	50.035	ug/l	100
48) Methyl methacrylate	6.63	41	171269	49.636	ug/l	99
49) 1,4-Dioxane	6.61	88	65810	975.265	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1091631	245.208	ug/l	98
52) Toluene	7.64	92	342331	49.648	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	235190	52.360	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	239919	50.126	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	133628	47.676	ug/l	99
56) Ethyl methacrylate	8.02	69	232061	49.467	ug/l	99
57) 1,3-Dichloropropane	8.25	76	235354	49.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	476624	265.200	ug/l	97
59) 2-Hexanone	8.36	43	886630	243.947	ug/l	99
60) Dibromochloromethane	8.48	129	171753	49.141	ug/l	99
61) 1,2-Dibromoethane	8.59	107	153226	49.117	ug/l	99
64) Tetrachloroethene	8.23	164	145096	49.749	ug/l	98
65) Chlorobenzene	9.12	112	390986	49.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	145101	48.724	ug/l	98
67) Ethyl Benzene	9.25	91	680368	49.512	ug/l	99
68) m/p-Xylenes	9.38	106	528520	100.161	ug/l	97
69) o-Xylene	9.78	106	257251	49.261	ug/l	95
70) Styrene	9.80	104	426491	49.697	ug/l	99
71) Bromoform	9.96	173	137555	48.596	ug/l #	99
73) Isopropylbenzene	10.17	105	688165	48.575	ug/l	98
74) N-amyl acetate	10.01	43	323163	47.957	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	221331	46.621	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	210914m	51.916	ug/l	
77) Bromobenzene	10.45	156	174707	48.711	ug/l	97
78) n-propylbenzene	10.59	91	828791	49.662	ug/l	97
79) 2-Chlorotoluene	10.66	91	486687	49.452	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	595341	48.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	87476m	49.834	ug/l	
82) 4-Chlorotoluene	10.78	91	569145	49.687	ug/l	99
83) tert-Butylbenzene	11.10	119	571168	48.356	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	616941	49.301	ug/l	99
85) sec-Butylbenzene	11.33	105	729865	49.364	ug/l	98
86) p-Isopropyltoluene	11.48	119	663805	50.129	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	329837	49.777	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	337389	50.588	ug/l	98
89) n-Butylbenzene	11.89	91	619881	52.728	ug/l	97
90) Hexachloroethane	12.15	117	124160	48.065	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	324063	48.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	64890	49.536	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	239248	58.374	ug/l	99
94) Hexachlorobutadiene	13.70	225	120222	52.115	ug/l	99
95) Naphthalene	13.74	128	742748	54.677	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	237051	58.045	ug/l	99

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

