

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024504.D
 Acq On : 13 Jun 2018 13:28
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 9:44:43 AM

Quant Time: Jun 13 13:49:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:15:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304625	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	301137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193059	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	445713	116.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	233.84%	
35) Dibromofluoromethane	4.89	113	362857	115.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	231.96%	
50) Toluene-d8	7.57	98	1342614	114.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	229.66%	
62) 4-Bromofluorobenzene	10.31	95	574678	134.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	342569	117.384	ug/l	99
3) Chloromethane	1.33	50	351149	103.262	ug/l	99
4) Vinyl Chloride	1.40	62	363963	96.143	ug/l	99
5) Bromomethane	1.61	94	163560	78.622	ug/l	99
6) Chloroethane	1.68	64	209993	82.002	ug/l	98
7) Trichlorofluoromethane	1.88	101	537052	104.470	ug/l	98
8) Diethyl Ether	2.10	74	191940	93.394	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.28	101	325883	113.885	ug/l	98
10) Methyl Iodide	2.41	142	330991	182.431	ug/l	99
11) Tert butyl alcohol	2.84	59	545290	752.968	ug/l	99
12) 1,1-Dichloroethene	2.28	96	306995	114.520	ug/l	95
13) Acrolein	2.19	56	292902	388.546	ug/l	99
14) Allyl chloride	2.59	41	621655	136.685	ug/l	90
15) Acrylonitrile	2.94	53	1097925	567.630	ug/l	99
16) Acetone	2.32	43	1208120	496.403	ug/l	99
17) Carbon Disulfide	2.47	76	1011413	122.634	ug/l	99
18) Methyl Acetate	2.62	43	513986	106.271	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	1173711	139.327	ug/l	97
20) Methylene Chloride	2.70	84	363048	108.560	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	342667	119.132	ug/l	97
22) Diisopropyl ether	3.57	45	1146437	125.100	ug/l	98
23) Vinyl Acetate	3.53	43	5193302	771.072	ug/l	99
24) 1,1-Dichloroethane	3.45	63	659738	114.984	ug/l	99
25) 2-Butanone	4.27	43	1695005	582.427	ug/l	98
26) 2,2-Dichloropropane	4.23	77	616139	140.850	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	394624	126.258	ug/l	100
28) Bromochloromethane	4.55	49	283590	134.967	ug/l	88
29) Tetrahydrofuran	4.64	42	986575	594.049	ug/l	97
30) Chloroform	4.68	83	664194	114.251	ug/l	99
31) Cyclohexane	5.00	56	598392	105.166	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	612410	130.977	ug/l	96
36) 1,1-Dichloropropene	5.14	75	509556	117.212	ug/l	98
37) Ethyl Acetate	4.38	43	591108	121.274	ug/l	96
38) Carbon Tetrachloride	5.14	117	560317	135.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	627796	133.660	ug/l	96
40) Benzene	5.39	78	1441696	110.027	ug/l	100
41) Methacrylonitrile	4.54	41	324420	118.763	ug/l	99
42) 1,2-Dichloroethane	5.41	62	553343	110.266	ug/l	100
43) Isopropyl Acetate	5.55	43	979224	131.912	ug/l	98
44) Trichloroethene	6.19	130	411617	120.563	ug/l	97
45) 1,2-Dichloropropane	6.44	63	391798	111.257	ug/l	99
46) Dibromomethane	6.56	93	279326	119.812	ug/l	97
47) Bromodichloromethane	6.76	83	552942	122.588	ug/l	98
48) Methyl methacrylate	6.63	41	487206	133.877	ug/l	98
49) 1,4-Dioxane	6.62	88	200874	2616.375	ug/l	98
51) 4-Methyl-2-Pentanone	7.47	43	3176483	593.104	ug/l	98
52) Toluene	7.64	92	943470	121.327	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	662358	141.207	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	667282	130.377	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	385751	115.631	ug/l	98
56) Ethyl methacrylate	8.02	69	673809	154.973	ug/l	99
57) 1,3-Dichloropropane	8.25	76	652798	113.946	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	1328598	594.135	ug/l	96
59) 2-Hexanone	8.37	43	2650445	618.561	ug/l	99
60) Dibromochloromethane	8.48	129	486109	143.608	ug/l	100
61) 1,2-Dibromoethane	8.59	107	433928	124.362	ug/l	99
64) Tetrachloroethene	8.23	164	385106	128.643	ug/l	99
65) Chlorobenzene	9.12	112	1099160	125.425	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	417723	138.871	ug/l	98
67) Ethyl Benzene	9.25	91	1882404	133.221	ug/l	97
68) m/p-Xylenes	9.38	106	1473528	273.761	ug/l	96
69) o-Xylene	9.78	106	728219	146.779	ug/l	94
70) Styrene	9.80	104	1247481	147.674	ug/l	99
71) Bromoform	9.96	173	430500	165.815	ug/l #	99
73) Isopropylbenzene	10.17	105	1970017	148.015	ug/l	99
74) N-amyl acetate	10.02	43	994659	165.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	684914	118.645	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	620897m	153.334	ug/l	
77) Bromobenzene	10.46	156	517586	140.440	ug/l	98
78) n-propylbenzene	10.59	91	2359120	142.968	ug/l	97
79) 2-Chlorotoluene	10.66	91	1383608	138.141	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	1717267	152.143	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	295021m	154.562	ug/l	
82) 4-Chlorotoluene	10.78	91	1644711	141.541	ug/l	99
83) tert-Butylbenzene	11.10	119	1676629	152.597	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	1798637	157.693	ug/l	100
85) sec-Butylbenzene	11.33	105	2129487	154.369	ug/l	98
86) p-Isopropyltoluene	11.48	119	1914925	157.072	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	992516	140.115	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	995594	134.266	ug/l	100
89) n-Butylbenzene	11.89	91	1783561	148.680	ug/l	97
90) Hexachloroethane	12.15	117	376813	172.409	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	964467	136.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	199898	169.644	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	710428	169.795	ug/l	99
94) Hexachlorobutadiene	13.70	225	350175	140.898	ug/l	100
95) Naphthalene	13.74	128	2157965	188.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	694142	164.181	ug/l	99

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

