

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024503.D
 Acq On : 13 Jun 2018 13:05
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 9:44:37 AM

Quant Time: Jun 13 13:30:26 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	195580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311868	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	299176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	187056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	314073	81.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	162.22%	
35) Dibromofluoromethane	4.89	113	254696	79.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.04%	
50) Toluene-d8	7.57	98	932408	77.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.78%	
62) 4-Bromofluorobenzene	10.31	95	374746	85.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	230228	77.661	ug/l	100
3) Chloromethane	1.33	50	221992	64.265	ug/l	99
4) Vinyl Chloride	1.40	62	242722	63.118	ug/l	98
5) Bromomethane	1.61	94	131557	62.254	ug/l	98
6) Chloroethane	1.69	64	141311	54.323	ug/l	99
7) Trichlorofluoromethane	1.88	101	361651	69.255	ug/l	99
8) Diethyl Ether	2.10	74	130767	62.638	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.28	101	222248	76.459	ug/l	98
10) Methyl Iodide	2.41	142	217703	118.123	ug/l	99
11) Tert butyl alcohol	2.83	59	347956	472.998	ug/l	99
12) 1,1-Dichloroethene	2.28	96	211583	77.699	ug/l	94
13) Acrolein	2.19	56	194279	253.706	ug/l	99
14) Allyl chloride	2.59	41	385677	83.480	ug/l	97
15) Acrylonitrile	2.94	53	736096	374.638	ug/l	99
16) Acetone	2.32	43	793100	320.802	ug/l	99
17) Carbon Disulfide	2.48	76	675699	80.653	ug/l	99
18) Methyl Acetate	2.62	43	350833	71.409	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	796449	93.072	ug/l	96
20) Methylene Chloride	2.70	84	242153	71.282	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	230492	78.885	ug/l	97
22) Diisopropyl ether	3.57	45	779368	83.721	ug/l	98
23) Vinyl Acetate	3.53	43	3547887	518.569	ug/l	99
24) 1,1-Dichloroethane	3.45	63	448293	76.915	ug/l	99
25) 2-Butanone	4.26	43	1126583	381.082	ug/l	97
26) 2,2-Dichloropropane	4.23	77	418809	94.249	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	267096	84.125	ug/l	100
28) Bromochloromethane	4.55	49	203492	95.338	ug/l	89
29) Tetrahydrofuran	4.63	42	672106	398.396	ug/l	97
30) Chloroform	4.68	83	452996	76.709	ug/l	99
31) Cyclohexane	5.00	56	412430	71.355	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	416490	87.688	ug/l	96
36) 1,1-Dichloropropene	5.14	75	344413	77.385	ug/l	98
37) Ethyl Acetate	4.38	43	400888	80.338	ug/l	97
38) Carbon Tetrachloride	5.14	117	383033	90.380	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	420908	87.532	ug/l	95
40) Benzene	5.39	78	984314	73.376	ug/l	99
41) Methacrylonitrile	4.54	41	217154	77.649	ug/l	98
42) 1,2-Dichloroethane	5.41	62	373948	72.787	ug/l	100
43) Isopropyl Acetate	5.55	43	653324	85.966	ug/l	98
44) Trichloroethene	6.19	130	277256	79.323	ug/l	98
45) 1,2-Dichloropropane	6.44	63	263974	73.219	ug/l	99
46) Dibromomethane	6.56	93	187960	78.749	ug/l	98
47) Bromodichloromethane	6.76	83	373188	80.815	ug/l	99
48) Methyl methacrylate	6.63	41	318712	85.544	ug/l	98
49) 1,4-Dioxane	6.62	88	119671	1522.509	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	2051613	374.175	ug/l	99
52) Toluene	7.64	92	633526	79.577	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	432910	90.148	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	446031	85.124	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	252909	74.050	ug/l	99
56) Ethyl methacrylate	8.02	69	435195	97.768	ug/l	99
57) 1,3-Dichloropropane	8.25	76	433449	73.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	865437	378.026	ug/l	96
59) 2-Hexanone	8.36	43	1683447	383.759	ug/l	99
60) Dibromochloromethane	8.48	129	316738	91.399	ug/l	100
61) 1,2-Dibromoethane	8.59	107	284733	79.708	ug/l	99
64) Tetrachloroethene	8.23	164	265873	89.396	ug/l	99
65) Chlorobenzene	9.12	112	717250	82.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	268812	89.951	ug/l	97
67) Ethyl Benzene	9.25	91	1237463	88.151	ug/l	97
68) m/p-Xylenes	9.38	106	964415	180.350	ug/l	97
69) o-Xylene	9.78	106	477305	96.835	ug/l	94
70) Styrene	9.80	104	796335	94.886	ug/l	98
71) Bromoform	9.96	173	263429	102.130	ug/l #	100
73) Isopropylbenzene	10.17	105	1268995	98.404	ug/l	98
74) N-amyl acetate	10.01	43	626772	107.377	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	428904	76.682	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	375638m	95.743	ug/l	
77) Bromobenzene	10.45	156	325578	91.176	ug/l	97
78) n-propylbenzene	10.59	91	1511726	94.554	ug/l	97
79) 2-Chlorotoluene	10.66	91	882619	90.950	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	1097973	100.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	171741m	92.863	ug/l	
82) 4-Chlorotoluene	10.78	91	1042536	92.598	ug/l	99
83) tert-Butylbenzene	11.10	119	1063086	99.861	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1139797	103.137	ug/l	99
85) sec-Butylbenzene	11.33	105	1350654	101.053	ug/l	98
86) p-Isopropyltoluene	11.48	119	1209844	102.422	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	621206	90.511	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	624804	86.965	ug/l	99
89) n-Butylbenzene	11.89	91	1120305	96.387	ug/l	97
90) Hexachloroethane	12.15	117	234761	110.861	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	609339	88.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	125520	109.941	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	441586	108.928	ug/l	99
94) Hexachlorobutadiene	13.70	225	219655	91.217	ug/l	98
95) Naphthalene	13.74	128	1363320	122.987	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	440487	107.529	ug/l	99

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

