

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028357.D
 Acq On : 28 Nov 2018 11:11
 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
 11/29/2018 1:23:03 PM

Quant Time: Nov 29 00:59:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 00:29:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	236659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	423296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	403064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	202433	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	598229	151.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	302.50%	
35) Dibromofluoromethane	4.88	113	425126	151.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	302.08%	
50) Toluene-d8	7.57	98	1723502	153.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	306.20%	
62) 4-Bromofluorobenzene	10.31	95	638772	157.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	314.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	486128	153.125	ug/l	100
3) Chloromethane	1.32	50	911596	148.139	ug/l	99
4) Vinyl Chloride	1.40	62	665665	154.609	ug/l	100
5) Bromomethane	1.61	94	259997	156.134	ug/l	100
6) Chloroethane	1.67	64	377863	152.521	ug/l	97
7) Trichlorofluoromethane	1.87	101	673102	150.507	ug/l	99
8) Diethyl Ether	2.10	74	308749	148.510	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	400780	153.837	ug/l	99
10) Methyl Iodide	2.40	142	390503	158.952	ug/l	99
11) Tert butyl alcohol	2.85	59	720517	801.875	ug/l	99
12) 1,1-Dichloroethene	2.28	96	403118	159.446	ug/l	96
13) Acrolein	2.20	56	599367	750.316	ug/l	100
14) Allyl chloride	2.59	41	1048213	158.687	ug/l	91
15) Acrylonitrile	2.94	53	1868667	786.204	ug/l	100
16) Acetone	2.33	43	1663517	687.553	ug/l	100
17) Carbon Disulfide	2.47	76	1444502	148.853	ug/l	99
18) Methyl Acetate	2.62	43	1033593	153.435	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	1593733	153.759	ug/l	98
20) Methylene Chloride	2.70	84	513985	137.313	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	452804	154.430	ug/l	98
22) Diisopropyl ether	3.57	45	2003602	154.154	ug/l	97
23) Vinyl Acetate	3.52	43	8626891	798.061	ug/l	100
24) 1,1-Dichloroethane	3.44	63	1002671	156.378	ug/l	100
25) 2-Butanone	4.26	43	2677098	772.057	ug/l	99
26) 2,2-Dichloropropane	4.22	77	770441	151.298	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	525144	151.441	ug/l	99
28) Bromochloromethane	4.55	49	461947	144.086	ug/l	99
29) Tetrahydrofuran	4.64	42	1806255	802.308	ug/l	100
30) Chloroform	4.67	83	890263	150.426	ug/l	98
31) Cyclohexane	4.99	56	989098	129.961	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	737388	155.273	ug/l	99
36) 1,1-Dichloropropene	5.13	75	696458	150.356	ug/l	99
37) Ethyl Acetate	4.38	43	1039465	164.669	ug/l	99
38) Carbon Tetrachloride	5.13	117	584087	153.556	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	861509	157.749	ug/l	98
40) Benzene	5.39	78	2119125	154.465	ug/l	99
41) Methacrylonitrile	4.54	41	563534	160.753	ug/l	98
42) 1,2-Dichloroethane	5.40	62	753300	152.420	ug/l	99
43) Isopropyl Acetate	5.55	43	1592679	159.220	ug/l	99
44) Trichloroethene	6.18	130	462642	157.323	ug/l	100
45) 1,2-Dichloropropane	6.43	63	633151	157.597	ug/l	99
46) Dibromomethane	6.56	93	358875	155.514	ug/l	98
47) Bromodichloromethane	6.76	83	708953	154.454	ug/l	99
48) Methyl methacrylate	6.62	41	824417	158.218	ug/l	99
49) 1,4-Dioxane	6.63	88	303391	3644.751	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	5124315	802.078	ug/l	98
52) Toluene	7.64	92	1268801	160.605	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	877203	159.822	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	930553	158.256	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	507817	154.450	ug/l	98
56) Ethyl methacrylate	8.02	69	934836	167.130	ug/l	99
57) 1,3-Dichloropropane	8.24	76	951721	157.843	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	2561159	852.850	ug/l	100
59) 2-Hexanone	8.37	43	4047933	817.967	ug/l	99
60) Dibromochloromethane	8.48	129	507502	162.295	ug/l	99
61) 1,2-Dibromoethane	8.58	107	540478	160.500	ug/l	97
64) Tetrachloroethene	8.22	164	395927	149.331	ug/l	98
65) Chlorobenzene	9.12	112	1292562	154.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	447609	156.027	ug/l	99
67) Ethyl Benzene	9.25	91	2487416	157.801	ug/l	99
68) m/p-Xylenes	9.38	106	1805478	318.223	ug/l	99
69) o-Xylene	9.78	106	875521	155.230	ug/l	99
70) Styrene	9.79	104	1473308	161.968	ug/l	99
71) Bromoform	9.96	173	391764	162.470	ug/l #	100
73) Isopropylbenzene	10.17	105	2337914	148.493	ug/l	100
74) N-amyl acetate	10.01	43	1529707	155.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	964738	149.007	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	818568m	147.690	ug/l	
77) Bromobenzene	10.45	156	542846	146.327	ug/l	98
78) n-propylbenzene	10.59	91	2935713	151.150	ug/l	100
79) 2-Chlorotoluene	10.66	91	1678874	146.631	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	1972243	148.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	351533m	130.383	ug/l	
82) 4-Chlorotoluene	10.77	91	1996892	151.374	ug/l	99
83) tert-Butylbenzene	11.10	119	1900827	153.689	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	2043318	152.050	ug/l	99
85) sec-Butylbenzene	11.32	105	2443767	152.125	ug/l	99
86) p-Isopropyltoluene	11.48	119	2053871	155.492	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	1019866	150.727	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	1028078	150.973	ug/l	98
89) n-Butylbenzene	11.89	91	2154877	165.299	ug/l	100
90) Hexachloroethane	12.14	117	336293	163.076	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	1043654	154.596	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	236855	164.467	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	771022	174.485	ug/l	100
94) Hexachlorobutadiene	13.69	225	334719	160.416	ug/l	97
95) Naphthalene	13.74	128	2733696	181.912	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	778968	174.299	ug/l	100

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

