

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027907.D
 Acq On : 01 Nov 2018 19:59
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 9:00:18 AM

Quant Time: Nov 02 01:08:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 01:48:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	174351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	258849	89.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.50%	
35) Dibromofluoromethane	4.88	113	195241	93.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.12%	
50) Toluene-d8	7.57	98	751577	96.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.00%	
62) 4-Bromofluorobenzene	10.31	95	291025	100.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	237920	96.727	ug/l	98
3) Chloromethane	1.33	50	276113	84.079	ug/l	100
4) Vinyl Chloride	1.40	62	271457	87.308	ug/l	99
5) Bromomethane	1.60	94	129164	96.416	ug/l	100
6) Chloroethane	1.68	64	154942	82.645	ug/l	99
7) Trichlorofluoromethane	1.88	101	310400	96.055	ug/l	97
8) Diethyl Ether	2.10	74	129666	88.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	189397	100.617	ug/l	99
10) Methyl Iodide	2.41	142	179572	129.628	ug/l	98
11) Tert butyl alcohol	2.84	59	335273	528.088	ug/l	100
12) 1,1-Dichloroethene	2.28	96	185850	101.027	ug/l	97
13) Acrolein	2.20	56	127222	274.955	ug/l	97
14) Allyl chloride	2.59	41	497154	113.884	ug/l	90
15) Acrylonitrile	2.94	53	854259	526.201	ug/l	100
16) Acetone	2.32	43	727707	428.797	ug/l	100
17) Carbon Disulfide	2.47	76	612927	93.235	ug/l	99
18) Methyl Acetate	2.62	43	420395	104.564	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	739198	99.895	ug/l	100
20) Methylene Chloride	2.70	84	229220	95.387	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	204070	98.038	ug/l	94
22) Diisopropyl ether	3.58	45	927526	103.534	ug/l	98
23) Vinyl Acetate	3.53	43	4104166	524.869	ug/l	100
24) 1,1-Dichloroethane	3.45	63	449472	98.357	ug/l	99
25) 2-Butanone	4.26	43	1286392	538.187	ug/l	99
26) 2,2-Dichloropropane	4.23	77	333561	90.169	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	241057	100.915	ug/l	99
28) Bromochloromethane	4.55	49	215419	99.283	ug/l	99
29) Tetrahydrofuran	4.64	42	840672	553.502	ug/l	100
30) Chloroform	4.68	83	412404	101.137	ug/l	100
31) Cyclohexane	5.00	56	450422	84.483	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	343372	100.374	ug/l	99
36) 1,1-Dichloropropene	5.14	75	318638	96.207	ug/l	99
37) Ethyl Acetate	4.38	43	462477	105.339	ug/l	99
38) Carbon Tetrachloride	5.13	117	283270	94.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	397287	102.331	ug/l	99
40) Benzene	5.39	78	972130	99.404	ug/l	100
41) Methacrylonitrile	4.54	41	259830	104.973	ug/l	99
42) 1,2-Dichloroethane	5.41	62	339270	94.574	ug/l	100
43) Isopropyl Acetate	5.55	43	737573	108.501	ug/l	99
44) Trichloroethene	6.19	130	211867	97.992	ug/l	100
45) 1,2-Dichloropropane	6.43	63	280311	99.771	ug/l	97
46) Dibromomethane	6.56	93	166327	104.766	ug/l	96
47) Bromodichloromethane	6.76	83	325018	99.453	ug/l	100
48) Methyl methacrylate	6.62	41	372940	110.221	ug/l	100
49) 1,4-Dioxane	6.61	88	122413	2121.597	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	2479166	557.835	ug/l	100
52) Toluene	7.64	92	582988	101.263	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	389646	101.863	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	414978	100.830	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	236927	103.785	ug/l	97
56) Ethyl methacrylate	8.02	69	437908	114.258	ug/l	99
57) 1,3-Dichloropropane	8.24	76	433952	98.280	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	1158949	552.317	ug/l	100
59) 2-Hexanone	8.36	43	1957699	566.664	ug/l	99
60) Dibromochloromethane	8.48	129	242433	105.704	ug/l	98
61) 1,2-Dibromoethane	8.59	107	257420	104.995	ug/l	99
64) Tetrachloroethene	8.23	164	180288	99.791	ug/l	98
65) Chlorobenzene	9.12	112	611858	99.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	216875	102.744	ug/l	100
67) Ethyl Benzene	9.25	91	1151951	105.933	ug/l	100
68) m/p-Xylenes	9.38	106	845277	213.176	ug/l	99
69) o-Xylene	9.78	106	416467	110.016	ug/l	99
70) Styrene	9.79	104	705873	113.493	ug/l	99
71) Bromoform	9.96	173	194648	113.437	ug/l	# 98
73) Isopropylbenzene	10.17	105	1126629	102.044	ug/l	99
74) N-amyl acetate	10.01	43	707218	109.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	446773	101.509	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	376518m	95.642	ug/l	
77) Bromobenzene	10.45	156	269057	103.815	ug/l	100
78) n-propylbenzene	10.59	91	1402632	105.613	ug/l	99
79) 2-Chlorotoluene	10.66	91	801060	99.889	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	954435	105.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	156993m	103.046	ug/l	
82) 4-Chlorotoluene	10.77	91	941915	103.803	ug/l	99
83) tert-Butylbenzene	11.10	119	938619	107.351	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	981745	106.639	ug/l	100
85) sec-Butylbenzene	11.32	105	1178710	107.121	ug/l	100
86) p-Isopropyltoluene	11.48	119	1010005	107.760	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	496181	101.835	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	502142	100.925	ug/l	99
89) n-Butylbenzene	11.89	91	1010678	114.871	ug/l	100
90) Hexachloroethane	12.15	117	183155	103.950	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	499579	104.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	104515	108.074	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	358807	116.157	ug/l	99
94) Hexachlorobutadiene	13.69	225	166788	107.498	ug/l	99
95) Naphthalene	13.74	128	1258793	119.572	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	359783	111.337	ug/l	99

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

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