

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027940.D
 Acq On : 05 Nov 2018 08:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 12:06:39 PM

Quant Time: Nov 06 03:34:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	178486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	139942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123435	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	4.88	113	90659	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	7.57	98	357664	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	134208	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	94749	41.777	ug/l	98
3) Chloromethane	1.33	50	117220	42.736	ug/l	100
4) Vinyl Chloride	1.41	62	117458	43.145	ug/l	98
5) Bromomethane	1.62	94	52597	47.366	ug/l	98
6) Chloroethane	1.69	64	71420	45.524	ug/l	98
7) Trichlorofluoromethane	1.89	101	146569	46.591	ug/l	97
8) Diethyl Ether	2.11	74	63121	46.861	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	91171	48.786	ug/l	99
10) Methyl Iodide	2.41	142	74140	44.253	ug/l	97
11) Tert butyl alcohol	2.82	59	151054	215.021	ug/l	100
12) 1,1-Dichloroethene	2.29	96	82913	44.324	ug/l	98
13) Acrolein	2.20	56	44944	171.799	ug/l	99
14) Allyl chloride	2.59	41	209308	45.781	ug/l	96
15) Acrylonitrile	2.94	53	398091	230.691	ug/l	100
16) Acetone	2.32	43	423120	256.994	ug/l	100
17) Carbon Disulfide	2.48	76	277479	45.382	ug/l	99
18) Methyl Acetate	2.61	43	197325	43.569	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	355311	47.100	ug/l	99
20) Methylene Chloride	2.70	84	109614	45.599	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	97316	45.079	ug/l	95
22) Diisopropyl ether	3.57	45	444742	47.118	ug/l	99
23) Vinyl Acetate	3.52	43	1957525	241.312	ug/l	100
24) 1,1-Dichloroethane	3.45	63	215571	45.852	ug/l	100
25) 2-Butanone	4.26	43	621545	237.295	ug/l	98
26) 2,2-Dichloropropane	4.23	77	177809	50.396	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	116888	48.284	ug/l	99
28) Bromochloromethane	4.55	49	107480	48.764	ug/l	100
29) Tetrahydrofuran	4.64	42	383803	219.440	ug/l	99
30) Chloroform	4.67	83	198206	45.979	ug/l	97
31) Cyclohexane	5.00	56	215465	46.586	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	167078	48.690	ug/l	99
36) 1,1-Dichloropropene	5.14	75	154567	48.797	ug/l	98
37) Ethyl Acetate	4.38	43	212294	45.742	ug/l	99
38) Carbon Tetrachloride	5.14	117	139491	49.692	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	192228	50.316	ug/l	98
40) Benzene	5.39	78	464378	47.951	ug/l	99
41) Methacrylonitrile	4.54	41	123286	49.776	ug/l	99
42) 1,2-Dichloroethane	5.40	62	162734	47.274	ug/l	99
43) Isopropyl Acetate	5.55	43	343313	47.215	ug/l	99
44) Trichloroethene	6.19	130	103549	49.743	ug/l	99
45) 1,2-Dichloropropane	6.43	63	134362	48.108	ug/l	98
46) Dibromomethane	6.56	93	79451	49.490	ug/l	98
47) Bromodichloromethane	6.76	83	157839	51.018	ug/l	99
48) Methyl methacrylate	6.62	41	172859	48.512	ug/l	99
49) 1,4-Dioxane	6.61	88	54896	944.292	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1132997	233.318	ug/l	100
52) Toluene	7.64	92	275146	48.327	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	190483	49.657	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	201658	52.875	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	113147	48.848	ug/l	98
56) Ethyl methacrylate	8.02	69	203665	49.859	ug/l	98
57) 1,3-Dichloropropane	8.24	76	203960	48.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	564150	257.871	ug/l	100
59) 2-Hexanone	8.36	43	895862	238.528	ug/l	99
60) Dibromochloromethane	8.48	129	114116	52.063	ug/l	99
61) 1,2-Dibromoethane	8.59	107	120923	49.131	ug/l	98
64) Tetrachloroethene	8.23	164	87590	47.715	ug/l	98
65) Chlorobenzene	9.12	112	291715	48.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	103917	50.867	ug/l	99
67) Ethyl Benzene	9.25	91	541449	49.181	ug/l	99
68) m/p-Xylenes	9.38	106	398634	99.793	ug/l	100
69) o-Xylene	9.78	106	196748	48.776	ug/l	100
70) Styrene	9.79	104	325118	50.444	ug/l	99
71) Bromoform	9.96	173	90374	52.785	ug/l #	99
73) Isopropylbenzene	10.17	105	527068	48.617	ug/l	100
74) N-amyl acetate	10.01	43	322102	49.135	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	204056	46.663	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	174698m	45.639	ug/l	
77) Bromobenzene	10.45	156	123403	49.641	ug/l	99
78) n-propylbenzene	10.59	91	650757	50.148	ug/l	100
79) 2-Chlorotoluene	10.66	91	376983	48.466	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	445547	49.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	72550m	47.337	ug/l	
82) 4-Chlorotoluene	10.77	91	432835	49.016	ug/l	100
83) tert-Butylbenzene	11.10	119	431808	48.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	454423	50.250	ug/l	100
85) sec-Butylbenzene	11.32	105	546076	50.012	ug/l	100
86) p-Isopropyltoluene	11.48	119	467326	51.198	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	227140	49.463	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	230975	49.073	ug/l	100
89) n-Butylbenzene	11.89	91	462180	53.278	ug/l	100
90) Hexachloroethane	12.14	117	85406	52.554	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	230284	49.866	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	46584	50.555	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	158816	49.050	ug/l	99
94) Hexachlorobutadiene	13.69	225	78398	53.415	ug/l	99
95) Naphthalene	13.74	128	541204	47.137	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	163959	52.910	ug/l	99

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

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