

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025758.D
 Acq On : 31 Jul 2018 22:48
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:10 AM

Quant Time: Aug 01 06:05:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274732	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141036	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	4.89	113	117106	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	7.57	98	420436	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.31	95	166077	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144152	52.346	ug/l	99
3) Chloromethane	1.33	50	117976	44.821	ug/l	100
4) Vinyl Chloride	1.40	62	122095	49.291	ug/l	99
5) Bromomethane	1.62	94	63432	52.431	ug/l	100
6) Chloroethane	1.69	64	69873	48.242	ug/l	99
7) Trichlorofluoromethane	1.88	101	179701	50.177	ug/l	99
8) Diethyl Ether	2.10	74	63230	48.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	104804	50.567	ug/l	99
10) Methyl Iodide	2.41	142	93860	48.802	ug/l	100
11) Tert butyl alcohol	2.83	59	140286	225.703	ug/l	100
12) 1,1-Dichloroethene	2.28	96	98742	50.473	ug/l	95
13) Acrolein	2.19	56	70090	311.880	ug/l	100
14) Allyl chloride	2.59	41	164982	46.927	ug/l	97
15) Acrylonitrile	2.94	53	310036	249.832	ug/l	99
16) Acetone	2.32	43	276563	199.815	ug/l	97
17) Carbon Disulfide	2.48	76	299207	47.257	ug/l	99
18) Methyl Acetate	2.62	43	190699	57.244	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	363604	51.288	ug/l	99
20) Methylene Chloride	2.70	84	116117	47.338	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	110911	49.043	ug/l	99
22) Diisopropyl ether	3.57	45	355570	51.324	ug/l	94
23) Vinyl Acetate	3.53	43	1487034	246.295	ug/l	100
24) 1,1-Dichloroethane	3.45	63	209855	50.461	ug/l	99
25) 2-Butanone	4.26	43	439390	233.204	ug/l	100
26) 2,2-Dichloropropane	4.23	77	159201	42.116	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	125181	49.096	ug/l	98
28) Bromochloromethane	4.55	49	93856	50.476	ug/l	98
29) Tetrahydrofuran	4.64	42	276120	244.611	ug/l	99
30) Chloroform	4.68	83	218800	49.844	ug/l	100
31) Cyclohexane	5.00	56	179164	49.513	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	199924	50.586	ug/l	98
36) 1,1-Dichloropropene	5.14	75	161891	50.422	ug/l	99
37) Ethyl Acetate	4.38	43	163848	49.216	ug/l	99
38) Carbon Tetrachloride	5.14	117	181763	49.982	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	180044	48.942	ug/l	99
40) Benzene	5.39	78	464559	49.500	ug/l	98
41) Methacrylonitrile	4.54	41	93132	50.366	ug/l	99
42) 1,2-Dichloroethane	5.41	62	178329	49.347	ug/l	99
43) Isopropyl Acetate	5.55	43	271509	49.353	ug/l	99
44) Trichloroethene	6.19	130	131070	50.149	ug/l	99
45) 1,2-Dichloropropane	6.44	63	120548	49.251	ug/l	99
46) Dibromomethane	6.56	93	87603	49.395	ug/l	99
47) Bromodichloromethane	6.76	83	169538	50.115	ug/l	99
48) Methyl methacrylate	6.63	41	139419	51.707	ug/l	98
49) 1,4-Dioxane	6.62	88	60246	918.193	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	863502	250.711	ug/l	100
52) Toluene	7.64	92	297222	50.977	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	190226	50.079	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	198169	50.788	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	122025	50.361	ug/l	98
56) Ethyl methacrylate	8.02	69	179857	51.952	ug/l	97
57) 1,3-Dichloropropane	8.25	76	203199	49.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	356938	228.313	ug/l	99
59) 2-Hexanone	8.36	43	667431	247.211	ug/l	98
60) Dibromochloromethane	8.48	129	142693	49.939	ug/l	99
61) 1,2-Dibromoethane	8.59	107	134872	50.051	ug/l	100
64) Tetrachloroethene	8.23	164	119072	50.612	ug/l	97
65) Chlorobenzene	9.12	112	343600	49.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128184	51.419	ug/l	99
67) Ethyl Benzene	9.25	91	581158	50.912	ug/l	100
68) m/p-Xylenes	9.38	106	459119	104.764	ug/l	98
69) o-Xylene	9.78	106	218828	51.091	ug/l	97
70) Styrene	9.80	104	365962	52.898	ug/l	98
71) Bromoform	9.96	173	113457	52.487	ug/l #	99
73) Isopropylbenzene	10.17	105	597149	51.437	ug/l	100
74) N-amyl acetate	10.01	43	243771	51.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	196962	49.060	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	179883m	47.997	ug/l	
77) Bromobenzene	10.45	156	162116	50.627	ug/l	98
78) n-propylbenzene	10.59	91	701811	51.793	ug/l	99
79) 2-Chlorotoluene	10.66	91	409962	51.655	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	515771	52.312	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	62561m	41.857	ug/l	
82) 4-Chlorotoluene	10.77	91	487418	52.100	ug/l	99
83) tert-Butylbenzene	11.10	119	500244	51.066	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	523544	52.400	ug/l	98
85) sec-Butylbenzene	11.33	105	613011	51.254	ug/l	100
86) p-Isopropyltoluene	11.48	119	554754	51.800	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	300441	50.547	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	304530	49.151	ug/l	99
89) n-Butylbenzene	11.89	91	495193	50.107	ug/l	100
90) Hexachloroethane	12.15	117	92415	48.534	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	297127	50.999	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48156	50.596	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	207898	52.871	ug/l	98
94) Hexachlorobutadiene	13.70	225	93904	45.304	ug/l	99
95) Naphthalene	13.74	128	634270	50.213	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	207642	52.936	ug/l	100

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

