

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025059.D
 Acq On : 29 Jun 2018 07:37
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:51 PM

Quant Time: Jun 29 09:09:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178202	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141760	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
35) Dibromofluoromethane	4.89	113	115212	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	7.57	98	388718	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	
62) 4-Bromofluorobenzene	10.31	95	163099	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106072	42.45	ug/l	98
3) Chloromethane	1.33	50	116759	45.73	ug/l	100
4) Vinyl Chloride	1.40	62	125177	47.54	ug/l	99
5) Bromomethane	1.61	94	75849	59.59	ug/l	99
6) Chloroethane	1.69	64	78595	53.49	ug/l	99
7) Trichlorofluoromethane	1.88	101	199238	49.59	ug/l	99
8) Diethyl Ether	2.10	74	76642	56.29	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	118946	47.72	ug/l	97
10) Methyl Iodide	2.41	142	147832	67.95	ug/l	98
11) Tert butyl alcohol	2.83	59	190676	240.55	ug/l	99
12) 1,1-Dichloroethene	2.28	96	113987	50.14	ug/l	94
13) Acrolein	2.19	56	40049	96.21	ug/l	97
14) Allyl chloride	2.59	41	187469	44.42	ug/l	97
15) Acrylonitrile	2.93	53	389900	252.81	ug/l	99
16) Acetone	2.32	43	362087	206.77	ug/l	99
17) Carbon Disulfide	2.48	76	317759	43.65	ug/l	98
18) Methyl Acetate	2.62	43	233296	62.14	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	454862	53.23	ug/l	96
20) Methylene Chloride	2.70	84	137163	49.92	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	125608	50.17	ug/l	98
22) Diisopropyl ether	3.57	45	425416	50.84	ug/l	94
23) Vinyl Acetate	3.53	43	1720765	229.58	ug/l	98
24) 1,1-Dichloroethane	3.45	63	244626	50.82	ug/l	99
25) 2-Butanone	4.26	43	556913	236.76	ug/l	95
26) 2,2-Dichloropropane	4.23	77	140268	30.69	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	148688	51.66	ug/l	94
28) Bromochloromethane	4.55	49	97936	46.19	ug/l	84
29) Tetrahydrofuran	4.63	42	356713	244.88	ug/l	96
30) Chloroform	4.68	83	255790	52.50	ug/l	98
31) Cyclohexane	5.00	56	218069	51.06	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	237059	52.62	ug/l	95
36) 1,1-Dichloropropene	5.14	75	180029	49.75	ug/l	97
37) Ethyl Acetate	4.38	43	206755	52.42	ug/l	97
38) Carbon Tetrachloride	5.14	117	205023	51.52	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	223778	49.55	ug/l	95
40) Benzene	5.39	78	541491	52.51	ug/l	99
41) Methacrylonitrile	4.54	41	115490	54.31	ug/l	98
42) 1,2-Dichloroethane	5.41	62	213549	54.37	ug/l	100
43) Isopropyl Acetate	5.55	43	329945	48.39	ug/l	98
44) Trichloroethene	6.19	130	150365	51.24	ug/l	96
45) 1,2-Dichloropropane	6.44	63	141075	51.27	ug/l	98
46) Dibromomethane	6.56	93	101625	52.58	ug/l	92
47) Bromodichloromethane	6.76	83	194947	50.66	ug/l	98
48) Methyl methacrylate	6.62	41	174820	52.66	ug/l	97
49) 1,4-Dioxane	6.62	88	79085	1218.09	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1064479	248.51	ug/l	97
52) Toluene	7.64	92	347841	52.43	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	199555	46.17	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	211959	46.03	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	143489	53.21	ug/l	97
56) Ethyl methacrylate	8.02	69	223818	49.59	ug/l	100
57) 1,3-Dichloropropane	8.25	76	241715	53.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	53747	31.08	ug/l	93
59) 2-Hexanone	8.36	43	850970	243.35	ug/l	97
60) Dibromochloromethane	8.48	129	161772	48.11	ug/l	100
61) 1,2-Dibromoethane	8.59	107	156287	52.07	ug/l	99
64) Tetrachloroethene	8.23	164	156699	56.22	ug/l	99
65) Chlorobenzene	9.12	112	399814	53.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	147856	51.95	ug/l	97
67) Ethyl Benzene	9.25	91	686263	52.26	ug/l	96
68) m/p-Xylenes	9.38	106	534417	105.97	ug/l	98
69) o-Xylene	9.78	106	267319	53.56	ug/l	96
70) Styrene	9.80	104	425542	51.88	ug/l	99
71) Bromoform	9.96	173	128298	47.43	ug/l #	99
73) Isopropylbenzene	10.17	105	716098	52.34	ug/l	100
74) N-amyl acetate	10.01	43	295712	45.44	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	238240	51.96	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	214379m	54.64	ug/l	
77) Bromobenzene	10.45	156	185501	53.56	ug/l	93
78) n-propylbenzene	10.59	91	808098	50.14	ug/l	97
79) 2-Chlorotoluene	10.66	91	487281	51.27	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	615600	51.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	68266m	40.27	ug/l	
82) 4-Chlorotoluene	10.78	91	564323	51.01	ug/l	99
83) tert-Butylbenzene	11.10	119	604262	52.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	621359	51.42	ug/l	100
85) sec-Butylbenzene	11.33	105	736132	51.56	ug/l	98
86) p-Isopropyltoluene	11.48	119	648385	50.70	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	335795	52.47	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	338066	52.49	ug/l	100
89) n-Butylbenzene	11.89	91	518801	45.70	ug/l	96
90) Hexachloroethane	12.15	117	108667	43.56	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	348555	54.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62062	49.06	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	219449	55.44	ug/l	99
94) Hexachlorobutadiene	13.70	225	114485	51.39	ug/l	98
95) Naphthalene	13.74	128	746879	56.90	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	228782	58.01	ug/l	99

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

