

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU062417\
 Data File : VU017688.D
 Acq On : 24 Jun 2017 13:37
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB46

Quant Time: Jun 26 03:35:13 2017
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM062417WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 26 03:17:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	521712	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177482	50.27	ug/L	0.00
7) Chloroethane-d5	1.68	69	133089	50.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	295182	49.28	ug/L	0.00
21) 2-Butanone-d5	4.20	46	226303	92.90	ug/L	0.00
24) Chloroform-d	4.65	84	327901	49.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	209124	48.96	ug/L	0.00
32) Benzene-d6	5.35	84	667877	50.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	209746	49.68	ug/L	0.00
41) Toluene-d8	7.57	98	631765	50.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.92	79	51	0.03	ug/L	0.06
47) 2-Hexanone-d5	8.32	63	211139	102.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	303721	49.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	266432	49.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	152842	49.237 ug/L	98
3) Chloromethane	1.34	50	180298	48.073 ug/L	100
5) Vinyl chloride	1.40	62	187421	49.058 ug/L	98
6) Bromomethane	1.63	94	95876	59.825 ug/L	98
8) Chloroethane	1.70	64	111192	48.902 ug/L	100
9) Trichlorofluoromethane	1.89	101	237191	49.220 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	131579	48.927 ug/L	100
12) 1,1-Dichloroethene	2.28	96	133988	48.719 ug/L	98
13) Acetone	2.33	43	183549	100.676 ug/L	100
14) Carbon disulfide	2.48	76	356673	51.263 ug/L	99
15) Methyl Acetate	2.62	43	192626	49.227 ug/L	100
16) Methylene chloride	2.70	84	160071	46.847 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	148264	49.729 ug/L	99
18) Methyl tert-butyl Ether	3.01	73	460031	48.851 ug/L	100
19) 1,1-Dichloroethane	3.45	63	292068	48.986 ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	186031	49.649 ug/L	100
22) 2-Butanone	4.29	43	298502	101.279 ug/L	99
23) Bromochloromethane	4.55	128	92026	48.684 ug/L	96
25) Chloroform	4.68	83	302271	48.500 ug/L	99
27) 1,2-Dichloroethane	5.41	62	240118	48.666 ug/L	100
29) Cyclohexane	5.00	56	259214	50.231 ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	241777	49.711 ug/L	100
31) Carbon tetrachloride	5.14	117	210726	50.609 ug/L	100
33) Benzene	5.39	78	676682	49.448 ug/L	100
34) Trichloroethene	6.19	95	180323	49.776 ug/L	98
35) Methylcyclohexane	6.42	83	274246	50.405 ug/L	99
37) 1,2-Dichloropropane	6.44	63	178315	49.347 ug/L	99
38) Bromodichloromethane	6.76	83	211720	49.942 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	271598	51.883 ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	530958	101.327 ug/L	100
42) Toluene	7.64	91	736656	49.578 ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	242247	52.342 ug/L	99

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45) 1,1,2-Trichloroethane	8.07	97	173270	49.407	ug/L	99
46) Tetrachloroethene	8.23	164	154032	49.764	ug/L	99
48) 2-Hexanone	8.37	43	418613	102.043	ug/L	99
49) Dibromochloromethane	8.48	129	177130	50.785	ug/L	98
50) 1,2-Dibromoethane	8.59	107	181851	49.689	ug/L	98
51) Chlorobenzene	9.12	112	483229	49.071	ug/L	99
52) Ethylbenzene	9.25	91	826496	50.104	ug/L	100
53) m,p-Xylene	9.38	106	309903	49.511	ug/L	100
54) o-xylene	9.78	106	303674	49.497	ug/L	99
55) Styrene	9.80	104	538321	50.196	ug/L	99
56) Isopropylbenzene	10.17	105	799385	50.056	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	291172	49.397	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	227054	48.888	ug/L	100
61) Bromoform	9.96	173	131484	50.674	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	399150	49.315	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	408002	49.083	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	402258	49.652	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	63006	51.802	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	333673	51.733	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	305729	52.045	ug/L	100
69) Naphthalene	13.74	128	927960	53.240	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	307271	52.204	ug/L	100

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

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