

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062218\
 Data File : VU024828.D
 Acq On : 22 Jun 2018 10:57
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Jun 23 01:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 20 03:38:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78208	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.68	69	66826	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.28	63	173080	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.02%
21) 2-Butanone-d5	4.18	46	144380	92.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.83%
24) Chloroform-d	4.65	84	183384	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	126489	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.66%
32) Benzene-d6	5.35	84	357824	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.33	67	118917	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.57	98	354176	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	7.85	79	58260	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.31	63	118073	95.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172128	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	153491	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	131157	50.37	ug/L	98
3) Chloromethane	1.33	50	109852	46.92	ug/L	100
5) Vinyl chloride	1.40	62	115926	46.22	ug/L	98
6) Bromomethane	1.63	94	62910	53.13	ug/L	96
8) Chloroethane	1.70	64	73197	49.70	ug/L	99
9) Trichlorofluoromethane	1.89	101	186579	50.67	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	105948	50.73	ug/L	99
12) 1,1-Dichloroethene	2.29	96	91115	47.62	ug/L	97
13) Acetone	2.32	43	192116	115.72	ug/L	100
14) Carbon disulfide	2.48	76	268935	42.89	ug/L	99
15) Methyl Acetate	2.62	43	113842	44.74	ug/L	98
16) Methylene chloride	2.70	84	109374	46.48	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	100558	46.58	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	347832	49.55	ug/L	98
19) 1,1-Dichloroethane	3.45	63	195970	49.31	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	119238	47.38	ug/L	95
22) 2-Butanone	4.26	43	219557	103.78	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	63080	49.96	ug/L	97
25) Chloroform	4.68	83	213071	51.98	ug/L	98
27) 1,2-Dichloroethane	5.41	62	171419	54.25	ug/L	97
29) Cyclohexane	5.00	56	180924	48.85	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	186717	51.59	ug/L	98
31) Carbon tetrachloride	5.14	117	169019	51.03	ug/L	98
33) Benzene	5.39	78	435665	49.63	ug/L	100
34) Trichloroethene	6.19	95	116727	48.11	ug/L	98
35) Methylcyclohexane	6.42	83	195832	50.21	ug/L	98
37) 1,2-Dichloropropane	6.44	63	121478	49.78	ug/L	100
38) Bromodichloromethane	6.76	83	160752	49.98	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	188981	49.41	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	335499	92.59	ug/L	99
42) Toluene	7.64	91	482824	49.49	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	177030	50.61	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	114453	49.85	ug/L	97
46) Tetrachloroethene	8.23	164	98581	48.27	ug/L	99
48) 2-Hexanone	8.36	43	306258	104.02	ug/L	99
49) Dibromochloromethane	8.48	129	139558	49.61	ug/L	96
50) 1,2-Dibromoethane	8.59	107	122148	48.47	ug/L	99
51) Chlorobenzene	9.12	112	317003	48.49	ug/L	97
52) Ethylbenzene	9.25	91	554308	49.56	ug/L	99
53) m,p-Xylene	9.38	106	213629	49.63	ug/L	98
54) o-xylene	9.78	106	212880	50.14	ug/L	99
55) Styrene	9.80	104	353821	49.01	ug/L	96
56) Isopropylbenzene	10.17	105	570076	50.89	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	193062	48.80	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	151634	48.88	ug/L	99
61) Bromoform	9.96	173	108844	48.20	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	262165	50.12	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	265064	50.24	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	271707	51.90	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	46472	50.73	ug/L	88
67) 1,3,5-Trichlorobenzene	12.89	180	207942	49.72	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	180823	51.98	ug/L	98
69) Naphthalene	13.74	128	529136	55.08	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	192497	54.57	ug/L	99

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

