

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025953.D
 Acq On : 07 Aug 2018 21:16
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Aug 08 04:23:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91679	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.38%
7) Chloroethane-d5	1.67	69	72577	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.98%
11) 1,1-Dichloroethene-d2	2.27	63	176763	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.94%
21) 2-Butanone-d5	4.18	46	141911	112.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.92%
24) Chloroform-d	4.65	84	194960	55.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.28%
26) 1,2-Dichloroethane-d4	5.31	65	127338	54.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.12%
32) Benzene-d6	5.35	84	369355	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
36) 1,2-Dichloropropane-d6	6.33	67	116242	55.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.42%
41) Toluene-d8	7.57	98	355535	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%
43) trans-1,3-Dichloropropene-	7.85	79	57501	52.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.10%
47) 2-Hexanone-d5	8.31	63	101340	116.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.71%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166863	57.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	140982	55.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.86%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	130098	51.89	ug/L	98
3) Chloromethane	1.33	50	121204	57.46	ug/L	99
5) Vinyl chloride	1.40	62	115704	50.86	ug/L	97
6) Bromomethane	1.62	94	57765	57.33	ug/L	98
8) Chloroethane	1.69	64	72287	54.87	ug/L	97
9) Trichlorofluoromethane	1.88	101	170415	51.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	91577	50.55	ug/L	99
12) 1,1-Dichloroethene	2.28	96	82509	49.59	ug/L	88
13) Acetone	2.32	43	106961	71.90	ug/L	100
14) Carbon disulfide	2.48	76	295431	49.84	ug/L	99
15) Methyl Acetate	2.62	43	123760	54.48	ug/L	99
16) Methylene chloride	2.70	84	113173	52.20	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	103571	50.49	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	351163	53.84	ug/L	99
19) 1,1-Dichloroethane	3.45	63	201916	54.27	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	119862	52.30	ug/L	99
22) 2-Butanone	4.27	43	175856	94.55	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	63396	52.68	ug/L	97
25) Chloroform	4.68	83	209466	53.14	ug/L	98
27) 1,2-Dichloroethane	5.41	62	171781	54.65	ug/L	100
29) Cyclohexane	5.00	56	171881	53.57	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	191319	55.20	ug/L	98
31) Carbon tetrachloride	5.14	117	175397	56.60	ug/L	100
33) Benzene	5.39	78	440246	55.32	ug/L	100
34) Trichloroethene	6.19	95	113413	51.21	ug/L	97
35) Methylcyclohexane	6.42	83	180268	53.78	ug/L	98
37) 1,2-Dichloropropane	6.44	63	119286	56.10	ug/L	100
38) Bromodichloromethane	6.76	83	159600	55.22	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	182098	52.58	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	330767	114.09	ug/L	99
42) Toluene	7.64	91	472177	54.37	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	171691	52.45	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	113553	55.91	ug/L	99
46) Tetrachloroethene	8.23	164	97742	51.35	ug/L	100
48) 2-Hexanone	8.36	43	258258	110.41	ug/L	99
49) Dibromochloromethane	8.48	129	137451	55.10	ug/L	98
50) 1,2-Dibromoethane	8.59	107	124599	54.69	ug/L	98
51) Chlorobenzene	9.12	112	313014	52.63	ug/L	99
52) Ethylbenzene	9.25	91	514380	52.06	ug/L	99
53) m,p-Xylene	9.38	106	200845	51.81	ug/L	99
54) o-xylene	9.78	106	201233	54.52	ug/L	99
55) Styrene	9.80	104	332104	53.40	ug/L	99
56) Isopropylbenzene	10.17	105	522841	53.30	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	189846	55.60	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	153740	56.81	ug/L	98
61) Bromoform	9.96	173	102351	58.21	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	238086	51.69	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	243486	51.88	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	260875	56.48	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	41604	59.27	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	175822	51.80	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	150300	51.02	ug/L	98
69) Naphthalene	13.75	128	455225	52.58	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	154911	51.32	ug/L	99

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

