

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026131.D
 Acq On : 15 Aug 2018 08:24
 Operator : MD/SY
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01061

Quant Time: Aug 16 02:01:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:00:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	301005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	17554	9.93	ug/L	0.00
7) Chloroethane-d5	1.68	69	14014	9.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	34542	9.95	ug/L	0.00
21) 2-Butanone-d5	4.18	46	25347	18.69	ug/L	0.00
24) Chloroform-d	4.65	84	38625	9.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	25847	9.98	ug/L	0.00
32) Benzene-d6	5.35	84	71803	9.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	23061	9.67	ug/L	0.00
41) Toluene-d8	7.57	98	66722	9.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	10317	9.14	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	17482	17.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	32902	9.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	26602	10.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25232	10.59	ug/L	99
3) Chloromethane	1.33	50	23103	10.65	ug/L	97
5) Vinyl chloride	1.40	62	21688	10.01	ug/L	94
6) Bromomethane	1.62	94	11436	10.24	ug/L	98
8) Chloroethane	1.70	64	13029	10.04	ug/L	89
9) Trichlorofluoromethane	1.89	101	33342	10.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17621	10.16	ug/L	98
12) 1,1-Dichloroethene	2.28	96	16612	10.44	ug/L	94
13) Acetone	2.32	43	26195	21.11	ug/L	99
14) Carbon disulfide	2.48	76	56014	10.15	ug/L	99
15) Methyl Acetate	2.62	43	22503	10.45	ug/L	96
16) Methylene chloride	2.70	84	22122	10.38	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	19115	10.13	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	58601	9.78	ug/L	98
19) 1,1-Dichloroethane	3.45	63	36892	10.16	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	21226	10.03	ug/L	95
22) 2-Butanone	4.26	43	30763	19.89	ug/L	99
23) Bromochloromethane	4.55	128	11305	9.88	ug/L	86
25) Chloroform	4.68	83	39253	10.29	ug/L	96
27) 1,2-Dichloroethane	5.41	62	31675	10.27	ug/L	98
29) Cyclohexane	5.00	56	26830	9.54	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	34829	10.36	ug/L	100
31) Carbon tetrachloride	5.14	117	31941	10.49	ug/L	100
33) Benzene	5.39	78	77995	10.24	ug/L	100
34) Trichloroethene	6.19	95	20916	10.54	ug/L	97
35) Methylcyclohexane	6.42	83	28331	9.51	ug/L	97
37) 1,2-Dichloropropane	6.44	63	22075	10.38	ug/L	# 95
38) Bromodichloromethane	6.76	83	28579	10.15	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	30406	9.63	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	51027	19.33	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	80206	9.91	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	28983	9.52	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	20870	10.35	ug/L	97
46) Tetrachloroethene	8.23	164	17725	10.36	ug/L	97
48) 2-Hexanone	8.36	43	39158	18.94	ug/L	98
49) Dibromochloromethane	8.48	129	23618	9.72	ug/L	94
50) 1,2-Dibromoethane	8.59	107	21096	10.07	ug/L	98
51) Chlorobenzene	9.12	112	55977	10.12	ug/L	98
52) Ethylbenzene	9.25	91	83874	9.52	ug/L	99
53) m,p-Xylene	9.38	106	31786	9.36	ug/L	100
54) o-xylene	9.78	106	31842	9.40	ug/L	98
55) Styrene	9.80	104	51617	9.15	ug/L	99
56) Isopropylbenzene	10.17	105	80223	9.22	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	33217	9.86	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	26022	9.93	ug/L	94
61) Bromoform	9.96	173	17851	10.73	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	39088	10.25	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	40247	10.23	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	42799	10.50	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	6422	9.94	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	28227	10.02	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	18067	8.47	ug/L	98
69) Naphthalene	13.75	128	44540	7.33	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	20104	8.79	ug/L	99

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

