

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025979.D
 Acq On : 08 Aug 2018 19:41
 Operator : MD/SY
 Sample : VSTD01043
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01043

Quant Time: Aug 09 01:27:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 09 01:26:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303428	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22525	12.73	ug/L	0.00
7) Chloroethane-d5	1.68	69	18583	13.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	42981	12.37	ug/L	0.00
21) 2-Butanone-d5	4.18	46	37278	29.23	ug/L	0.00
24) Chloroform-d	4.65	84	46708	13.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	32528	13.96	ug/L	0.00
32) Benzene-d6	5.35	84	87714	13.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	29258	14.14	ug/L	0.00
41) Toluene-d8	7.57	98	82255	12.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	14164	13.17	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	23477	26.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	41834	14.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	32585	14.42	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26937	11.35	ug/L	99
3) Chloromethane	1.33	50	24547	12.16	ug/L	99
5) Vinyl chloride	1.40	62	23058	10.80	ug/L	100
6) Bromomethane	1.62	94	13092	13.13	ug/L	98
8) Chloroethane	1.70	64	14122	11.45	ug/L	99
9) Trichlorofluoromethane	1.89	101	34194	11.21	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	19566	11.31	ug/L	97
12) 1,1-Dichloroethene	2.28	96	17670	11.21	ug/L	94
13) Acetone	2.32	43	23282	17.55	ug/L	97
14) Carbon disulfide	2.48	76	58108	10.51	ug/L	99
15) Methyl Acetate	2.62	43	24996	11.64	ug/L	99
16) Methylene chloride	2.70	84	22264	11.02	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	20006	10.55	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	63767	10.53	ug/L	99
19) 1,1-Dichloroethane	3.45	63	38217	11.02	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	22393	10.55	ug/L	91
22) 2-Butanone	4.27	43	33571	19.82	ug/L	99
23) Bromochloromethane	4.55	128	11973	10.66	ug/L	94
25) Chloroform	4.68	83	40168	10.93	ug/L	95
27) 1,2-Dichloroethane	5.41	62	33319	11.28	ug/L	99
29) Cyclohexane	5.00	56	31359	10.56	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	37186	11.54	ug/L	97
31) Carbon tetrachloride	5.14	117	33370	11.53	ug/L	98
33) Benzene	5.39	78	83484	11.31	ug/L	100
34) Trichloroethene	6.19	95	21493	10.56	ug/L	94
35) Methylcyclohexane	6.42	83	30193	9.77	ug/L	96
37) 1,2-Dichloropropane	6.44	63	22604	11.44	ug/L	99
38) Bromodichloromethane	6.76	83	29955	11.18	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	32246	10.07	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	59585	22.00	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	83889	10.44	ug/L	95
44) trans-1,3-Dichloropropene	7.89	75	30126	10.02	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	21282	11.21	ug/L	96
46) Tetrachloroethene	8.23	164	18136	10.42	ug/L	97
48) 2-Hexanone	8.37	43	46167	21.30	ug/L	96
49) Dibromochloromethane	8.48	129	25146	10.86	ug/L	96
50) 1,2-Dibromoethane	8.59	107	22861	10.86	ug/L	99
51) Chlorobenzene	9.12	112	57780	10.54	ug/L	99
52) Ethylbenzene	9.25	91	88878	9.81	ug/L	98
53) m,p-Xylene	9.38	106	34054	9.57	ug/L	97
54) o-xylene	9.78	106	33010	9.72	ug/L	99
55) Styrene	9.80	104	53588	9.38	ug/L	96
56) Isopropylbenzene	10.17	105	83031	9.21	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	35019	10.95	ug/L	96
59) 1,2,3-Trichloropropane	10.50	75	28707	11.38	ug/L	96
61) Bromoform	9.96	173	17313	11.74	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	39477	10.46	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	42415	10.98	ug/L	97
65) 1,2-Dichlorobenzene	11.89	146	43590	11.37	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	7757	13.01	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	29338	10.50	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	23526	9.84	ug/L	96
69) Naphthalene	13.75	128	71405	9.87	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	26322	10.53	ug/L	100

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

