

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025937.D
 Acq On : 07 Aug 2018 12:24
 Operator : MD/SY
 Sample : VSTD20044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20044

Quant Time: Aug 08 01:28:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 01:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	390006	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	217814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	446335	206.52	ug/L	0.00
7) Chloroethane-d5	1.66	69	322287	198.85	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	857766	204.93	ug/L	0.00
21) 2-Butanone-d5	4.18	46	645752	434.24	ug/L	0.00
24) Chloroform-d	4.65	84	865303	206.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	553980	200.60	ug/L	0.00
32) Benzene-d6	5.35	84	1695740	206.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	528294	206.58	ug/L	0.00
41) Toluene-d8	7.57	98	1662683	208.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	292224	217.91	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	501869	471.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	777067	219.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	731521	203.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	585652	197.41	ug/L	100
3) Chloromethane	1.33	50	507044	203.14	ug/L	100
5) Vinyl chloride	1.40	62	547314	203.30	ug/L	99
6) Bromomethane	1.61	94	249696	209.44	ug/L	99
8) Chloroethane	1.68	64	305933	196.26	ug/L	99
9) Trichlorofluoromethane	1.88	101	770835	198.76	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	444247	207.24	ug/L	100
12) 1,1-Dichloroethene	2.28	96	415278	210.95	ug/L	98
13) Acetone	2.32	43	585075	332.37	ug/L	100
14) Carbon disulfide	2.47	76	1419519	202.39	ug/L	99
15) Methyl Acetate	2.62	43	542205	201.71	ug/L	99
16) Methylene chloride	2.70	84	509736	198.69	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	483421	199.15	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	1579090	204.61	ug/L	99
19) 1,1-Dichloroethane	3.45	63	883794	200.74	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	549704	202.69	ug/L	97
22) 2-Butanone	4.27	43	826795	375.67	ug/L	99
23) Bromochloromethane	4.55	128	287476	201.89	ug/L	98
25) Chloroform	4.68	83	930268	199.46	ug/L	99
27) 1,2-Dichloroethane	5.41	62	740750	199.17	ug/L	99
29) Cyclohexane	5.00	56	808546	205.60	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	853522	200.94	ug/L	99
31) Carbon tetrachloride	5.14	117	789187	207.77	ug/L	99
33) Benzene	5.39	78	1954987	200.42	ug/L	100
34) Trichloroethene	6.19	95	538087	198.23	ug/L	97
35) Methylcyclohexane	6.42	83	852433	207.47	ug/L	99
37) 1,2-Dichloropropane	6.44	63	525413	201.61	ug/L	100
38) Bromodichloromethane	6.76	83	727574	205.39	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	890646	209.83	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1521970	428.30	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025937.D
 Acq On : 07 Aug 2018 12:24
 Operator : MD/SY
 Sample : VSTD20044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20044

Quant Time: Aug 08 01:28:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 01:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	2183189	205.09	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	854648	213.02	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	512151	205.74	ug/L	98
46) Tetrachloroethene	8.23	164	472562	202.55	ug/L	100
48) 2-Hexanone	8.37	43	1220712	425.81	ug/L	99
49) Dibromochloromethane	8.48	129	660533	216.03	ug/L	99
50) 1,2-Dibromoethane	8.59	107	579283	207.46	ug/L	99
51) Chlorobenzene	9.12	112	1491989	204.69	ug/L	98
52) Ethylbenzene	9.25	91	2509567	207.22	ug/L	99
53) m,p-Xylene	9.38	106	981848	206.67	ug/L	97
54) o-xylene	9.78	106	962534	212.77	ug/L	99
55) Styrene	9.80	104	1677475	220.07	ug/L	99
56) Isopropylbenzene	10.17	105	2548068	211.93	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	880241	210.33	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	696393	209.96	ug/L	99
61) Bromoform	9.96	173	532125	213.93	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1297676	199.13	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1318513	198.60	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1294571	198.12	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	215430	216.95	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	996794	207.58	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	901431	216.30	ug/L	98
69) Naphthalene	13.74	128	2803257	228.89	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	904673	211.88	ug/L	99

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

