

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028524.D
 Acq On : 07 Dec 2018 10:59
 Operator : MD/SY
 Sample : VSTD10057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10057

Quant Time: Dec 07 22:42:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149910	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148293	106.65	ug/L	0.00
7) Chloroethane-d5	1.67	69	110008	103.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	258147	104.70	ug/L	0.00
21) 2-Butanone-d5	4.17	46	244594	216.24	ug/L	0.00
24) Chloroform-d	4.65	84	232614	104.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	153427	101.32	ug/L	0.00
32) Benzene-d6	5.34	84	483702	104.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	172066	102.61	ug/L	0.00
41) Toluene-d8	7.57	98	440577	104.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	82121	108.14	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	173549	215.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	227097	105.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	153248	103.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	125121	92.870 ug/L	99
3) Chloromethane	1.33	50	193820	98.649 ug/L	98
5) Vinyl chloride	1.40	62	165369	98.400 ug/L	98
6) Bromomethane	1.62	94	47903	100.004 ug/L	96
8) Chloroethane	1.69	64	94736	100.159 ug/L	98
9) Trichlorofluoromethane	1.89	101	172536	100.012 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	104283	103.370 ug/L	99
12) 1,1-Dichloroethene	2.28	96	102003	105.395 ug/L	93
13) Acetone	2.32	43	223022	189.451 ug/L	100
14) Carbon disulfide	2.48	76	362570	99.304 ug/L	99
15) Methyl Acetate	2.61	43	176390	102.044 ug/L	99
16) Methylene chloride	2.70	84	129733	103.615 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	113729	103.434 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	390709	102.456 ug/L	99
19) 1,1-Dichloroethane	3.45	63	243618	102.451 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	130908	103.221 ug/L	97
22) 2-Butanone	4.26	43	292637	201.279 ug/L	99
23) Bromochloromethane	4.55	128	57294	103.058 ug/L	97
25) Chloroform	4.67	83	224161	103.150 ug/L	98
27) 1,2-Dichloroethane	5.40	62	185091	102.846 ug/L	100
29) Cyclohexane	5.00	56	240336	100.007 ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	179837	102.216 ug/L	100
31) Carbon tetrachloride	5.13	117	146650	103.632 ug/L	98
33) Benzene	5.39	78	519109	101.646 ug/L	100
34) Trichloroethene	6.19	95	124599	101.474 ug/L	97
35) Methylcyclohexane	6.41	83	216371	101.882 ug/L	99
37) 1,2-Dichloropropane	6.43	63	154482	102.050 ug/L	100
38) Bromodichloromethane	6.76	83	171426	102.280 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	224684	104.445 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	488163	205.549 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
 Data File : VU028524.D
 Acq On : 07 Dec 2018 10:59
 Operator : MD/SY
 Sample : VSTD10057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10057

Quant Time: Dec 07 22:42:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	535557	103.257	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	206831	104.927	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	121316	102.693	ug/L	98
46) Tetrachloroethene	8.23	164	88302	102.630	ug/L	97
48) 2-Hexanone	8.36	43	401540	201.562	ug/L	99
49) Dibromochloromethane	8.48	129	124148	103.262	ug/L	98
50) 1,2-Dibromoethane	8.58	107	129824	102.870	ug/L	100
51) Chlorobenzene	9.12	112	317367	102.459	ug/L	97
52) Ethylbenzene	9.25	91	592597	103.403	ug/L	99
53) m,p-Xylene	9.37	106	214192	104.512	ug/L	100
54) o-xylene	9.78	106	210209	103.748	ug/L	92
55) Styrene	9.79	104	367833	105.906	ug/L	100
56) Isopropylbenzene	10.16	105	550380	102.854	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	226462	103.469	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	175672	102.049	ug/L	100
61) Bromoform	9.96	173	93043	102.762	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	245718	102.261	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	247774	102.296	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	245480	102.719	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	48642	102.713	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	185742	104.677	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	170912	103.475	ug/L	97
69) Naphthalene	13.74	128	596767	104.847	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	173404	104.493	ug/L	98

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

