

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026356.D
 Acq On : 25 Aug 2018 00:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Aug 25 04:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	320843	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	315448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	167891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86818	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.72%
7) Chloroethane-d5	1.68	69	74915	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.27	63	178725	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	4.18	46	145617	93.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.23%
24) Chloroform-d	4.65	84	210961	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.31	65	136257	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.34	84	403912	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.33	67	129951	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.57	98	387284	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%
43) trans-1,3-Dichloropropene-	7.85	79	62726	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	107728	93.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189001	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	168032	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	116777	46.352	ug/L 98
3) Chloromethane	1.33	50	110676	47.649	ug/L 100
5) Vinyl chloride	1.40	62	112598	48.114	ug/L 96
6) Bromomethane	1.63	94	66392	45.627	ug/L 94
8) Chloroethane	1.70	64	64087	47.754	ug/L 99
9) Trichlorofluoromethane	1.89	101	161912	48.848	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	87304	47.468	ug/L 99
12) 1,1-Dichloroethene	2.28	96	80315	47.562	ug/L 95
13) Acetone	2.32	43	93969	77.738	ug/L 99
14) Carbon disulfide	2.48	76	289449	44.680	ug/L 99
15) Methyl Acetate	2.62	43	107638	46.270	ug/L 100
16) Methylene chloride	2.70	84	109307	48.100	ug/L 97
17) trans-1,2-Dichloroethene	2.98	96	96843	46.527	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	300334	48.165	ug/L 99
19) 1,1-Dichloroethane	3.45	63	183783	48.486	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	119659	52.082	ug/L 94
22) 2-Butanone	4.27	43	142673	88.220	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
 Data File : VU026356.D
 Acq On : 25 Aug 2018 00:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Aug 25 04:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	59291	48.255	ug/L	95
25) Chloroform	4.68	83	195550	48.326	ug/L	95
27) 1,2-Dichloroethane	5.41	62	155556	48.258	ug/L	99
29) Cyclohexane	5.00	56	152729	47.211	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	175459	47.873	ug/L	99
31) Carbon tetrachloride	5.14	117	161435	46.850	ug/L	98
33) Benzene	5.39	78	410196	47.697	ug/L	100
34) Trichloroethene	6.19	95	107863	47.431	ug/L	97
35) Methylcyclohexane	6.42	83	163692	47.072	ug/L	99
37) 1,2-Dichloropropane	6.44	63	112148	47.716	ug/L	100
38) Bromodichloromethane	6.76	83	146483	46.610	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	158770	44.473	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	267118	89.675	ug/L	100
42) Toluene	7.64	91	443576	48.476	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	158743	46.213	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	107025	48.204	ug/L	99
46) Tetrachloroethene	8.23	164	91326	46.672	ug/L	97
48) 2-Hexanone	8.36	43	209489	87.388	ug/L	98
49) Dibromochloromethane	8.48	129	128379	47.048	ug/L	99
50) 1,2-Dibromoethane	8.59	107	116110	47.381	ug/L	97
51) Chlorobenzene	9.12	112	290252	46.376	ug/L	99
52) Ethylbenzene	9.25	91	476816	47.840	ug/L	99
53) m,p-Xylene	9.38	106	187203	48.595	ug/L	96
54) o-xylene	9.78	106	182621	48.601	ug/L	98
55) Styrene	9.80	104	319970	49.886	ug/L	98
56) Isopropylbenzene	10.17	105	475403	48.770	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	175908	46.813	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	137300	46.859	ug/L	99
61) Bromoform	9.96	173	98006	47.123	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	230165	46.507	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	246893	47.213	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	248131	47.668	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	37379	42.984	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	185378	47.718	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	160863	47.434	ug/L	100
69) Naphthalene	13.74	128	493262	48.823	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	178377	49.368	ug/L	98

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

