

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033602.D
 Acq On : 06 Aug 2019 08:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 07 05:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	318303	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	319203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90502	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.67	69	102559	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.26	63	184795	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
21) 2-Butanone-d5	4.16	46	160151	97.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.18%
24) Chloroform-d	4.62	84	189292	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.29	65	116442	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.32	84	360102	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.31	67	116641	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.55	98	342761	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.83	79	57746	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.30	63	114758	93.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186188	48.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	143097	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	138831	51.005	ug/L 100
3) Chloromethane	1.32	50	142929	48.451	ug/L 99
5) Vinyl chloride	1.40	62	156542	48.500	ug/L 98
6) Bromomethane	1.62	94	114023	44.225	ug/L 99
8) Chloroethane	1.69	64	121125	47.722	ug/L 99
9) Trichlorofluoromethane	1.87	101	213470	50.712	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	110461	51.667	ug/L 99
12) 1,1-Dichloroethene	2.27	96	102615	49.359	ug/L 98
13) Acetone	2.32	43	200407	122.095	ug/L 98
14) Carbon disulfide	2.46	76	316457	49.107	ug/L 99
15) Methyl Acetate	2.60	43	129411	48.285	ug/L 99
16) Methylene chloride	2.68	84	121215	49.977	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	107815	48.611	ug/L 99
18) Methyl tert-butyl Ether	2.98	73	334413	48.687	ug/L 99
19) 1,1-Dichloroethane	3.42	63	207178	49.627	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	120959	49.444	ug/L 96
22) 2-Butanone	4.24	43	222050	107.702	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033602.D
 Acq On : 06 Aug 2019 08:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 07 05:23:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	63238	49.433	ug/L	98
25) Chloroform	4.65	83	216738	50.245	ug/L	100
27) 1,2-Dichloroethane	5.38	62	166053	49.272	ug/L	99
29) Cyclohexane	4.97	56	177452	48.812	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	181088	48.497	ug/L	100
31) Carbon tetrachloride	5.11	117	163677	49.937	ug/L	100
33) Benzene	5.37	78	462882	48.713	ug/L	100
34) Trichloroethene	6.16	95	119281	48.736	ug/L	99
35) Methylcyclohexane	6.40	83	196060	50.886	ug/L	99
37) 1,2-Dichloropropane	6.41	63	125938	48.526	ug/L	99
38) Bromodichloromethane	6.74	83	160436	49.045	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	190390	48.241	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	351614	94.676	ug/L	100
42) Toluene	7.62	91	505442	49.787	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	175043	49.291	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	117903	48.555	ug/L	99
46) Tetrachloroethene	8.21	164	101362	50.478	ug/L	99
48) 2-Hexanone	8.35	43	303244	102.246	ug/L	100
49) Dibromochloromethane	8.46	129	136352	49.963	ug/L	98
50) 1,2-Dibromoethane	8.57	107	130046	48.897	ug/L	98
51) Chlorobenzene	9.10	112	320426	48.337	ug/L	99
52) Ethylbenzene	9.23	91	542772	49.312	ug/L	99
53) m,p-Xylene	9.36	106	211101	50.362	ug/L	100
54) o-xylene	9.76	106	204854	49.893	ug/L	94
55) Styrene	9.77	104	359194	51.520	ug/L	98
56) Isopropylbenzene	10.15	105	536916	50.689	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	212648	48.974	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	163012	47.957	ug/L	100
61) Bromoform	9.94	173	105399	49.237	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	262846	48.726	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	272761	49.495	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	266423	49.520	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	48124	47.463	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	204844	49.322	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	171765	48.482	ug/L	99
69) Naphthalene	13.73	128	494712	48.048	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	179572	47.648	ug/L	99

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

