

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032777.D
 Acq On : 17 Jun 2019 13:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Jun 18 02:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 01:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	224857	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	216031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74582	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.06%
7) Chloroethane-d5	1.67	69	60596	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.88%
11) 1,1-Dichloroethene-d2	2.27	63	153697	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.30%
21) 2-Butanone-d5	4.16	46	124326	97.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.64	84	150061	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.30	65	99617	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
32) Benzene-d6	5.33	84	285499	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.32	67	91874	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.56	98	277181	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%
43) trans-1,3-Dichloropropene-	7.84	79	48605	52.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.16%
47) 2-Hexanone-d5	8.31	63	84478	100.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.85%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	136833	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	113765	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	112372	49.474	ug/L 99
3) Chloromethane	1.32	50	99153	48.165	ug/L 100
5) Vinyl chloride	1.40	62	99812	48.882	ug/L 99
6) Bromomethane	1.62	94	59107	49.193	ug/L 99
8) Chloroethane	1.69	64	56008	47.651	ug/L 99
9) Trichlorofluoromethane	1.88	101	138009	48.176	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	74070	49.295	ug/L 99
12) 1,1-Dichloroethene	2.28	96	68784	48.576	ug/L 94
13) Acetone	2.31	43	130509	73.874	ug/L 98
14) Carbon disulfide	2.47	76	215120	48.012	ug/L 99
15) Methyl Acetate	2.61	43	94215	47.047	ug/L 99
16) Methylene chloride	2.69	84	79416	47.796	ug/L 98
17) trans-1,2-Dichloroethene	2.97	96	73809	48.067	ug/L 96
18) Methyl tert-butyl Ether	2.99	73	241444	48.974	ug/L 99
19) 1,1-Dichloroethane	3.44	63	142038	48.520	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	83176	49.723	ug/L 98
22) 2-Butanone	4.25	43	153052	83.586	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032777.D
 Acq On : 17 Jun 2019 13:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Jun 18 02:37:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 01:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	42419	48.609	ug/L	99
25) Chloroform	4.66	83	144968	48.020	ug/L	97
27) 1,2-Dichloroethane	5.40	62	122691	49.471	ug/L	100
29) Cyclohexane	4.99	56	128194	50.821	ug/L	99
30) 1,1,1-Trichloroethane	4.90	97	128397	48.784	ug/L	99
31) Carbon tetrachloride	5.13	117	117558	49.089	ug/L	99
33) Benzene	5.38	78	307396	49.394	ug/L	100
34) Trichloroethene	6.18	95	81957	49.289	ug/L	99
35) Methylcyclohexane	6.41	83	132859	51.692	ug/L	99
37) 1,2-Dichloropropane	6.42	63	83435	48.875	ug/L	100
38) Bromodichloromethane	6.75	83	111489	48.570	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	133015	50.013	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	261293	95.872	ug/L	100
42) Toluene	7.63	91	334006	49.605	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	124198	49.718	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	77811	48.971	ug/L	99
46) Tetrachloroethene	8.22	164	68760	50.466	ug/L	98
48) 2-Hexanone	8.36	43	215896	89.782	ug/L	100
49) Dibromochloromethane	8.47	129	91976	48.017	ug/L	95
50) 1,2-Dibromoethane	8.58	107	87093	49.357	ug/L	99
51) Chlorobenzene	9.11	112	215728	48.688	ug/L	98
52) Ethylbenzene	9.24	91	375730	50.412	ug/L	99
53) m,p-Xylene	9.37	106	141454	50.303	ug/L	100
54) o-xylene	9.77	106	137651	50.125	ug/L	99
55) Styrene	9.78	104	240374	50.456	ug/L	97
56) Isopropylbenzene	10.16	105	374912	50.659	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	137341	47.769	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	108237	47.510	ug/L	99
61) Bromoform	9.95	173	72534	47.373	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	180377	49.489	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	183075	48.631	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	182058	48.920	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	33774	47.569	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	147710	50.438	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	134470	53.362	ug/L	99
69) Naphthalene	13.74	128	410071	52.927	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	138561	51.941	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061719\
Data File : VU032777.D
Acq On : 17 Jun 2019 13:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05051

Quant Time: Jun 18 02:37:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 01:58:05 2019
Response via : Initial Calibration

