

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038726.D
 Acq On : 09 Jun 2020 15:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Jun 10 00:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	536553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	531495	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	273942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147754	49.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.58%
7) Chloroethane-d5	1.93	69	123614	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.32%
11) 1,1-Dichloroethene-d2	2.59	63	337938	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.44%
21) 2-Butanone-d5	4.66	46	316691	108.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.59%
24) Chloroform-d	5.10	84	341481	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
26) 1,2-Dichloroethane-d4	5.74	65	220441	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
32) Benzene-d6	5.76	84	671176	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.72	67	207516	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.18%
41) Toluene-d8	7.92	98	617047	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%
43) trans-1,3-Dichloropropene-	8.20	79	104099	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
47) 2-Hexanone-d5	8.65	63	222707	106.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	304467	51.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.46%
64) 1,2-Dichlorobenzene-d4	12.20	152	249676	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	228520	53.784	ug/L 100
3) Chloromethane	1.53	50	199739	48.731	ug/L 99
5) Vinyl chloride	1.62	62	214671	50.008	ug/L 97
6) Bromomethane	1.87	94	112834	50.470	ug/L 98
8) Chloroethane	1.95	64	135915	54.123	ug/L 100
9) Trichlorofluoromethane	2.16	101	315342	53.342	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	187992	54.557	ug/L 99
12) 1,1-Dichloroethene	2.60	96	182481	53.731	ug/L 95
13) Acetone	2.65	43	285753	121.591	ug/L 98
14) Carbon disulfide	2.82	76	580574	52.792	ug/L 100
15) Methyl Acetate	2.98	43	256573	52.243	ug/L 99
16) Methylene chloride	3.08	84	205924	51.069	ug/L 99
17) trans-1,2-Dichloroethene	3.38	96	195283	52.546	ug/L 99
18) Methyl tert-butyl Ether	3.40	73	627232	52.199	ug/L 100
19) 1,1-Dichloroethane	3.91	63	365646	51.923	ug/L 97
20) cis-1,2-Dichloroethene	4.71	96	212960	51.838	ug/L 99
22) 2-Butanone	4.74	43	404862	112.335	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038726.D
 Acq On : 09 Jun 2020 15:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05045

Quant Time: Jun 10 00:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	105384	51.790	ug/L	99
25) Chloroform	5.12	83	369638	52.448	ug/L	96
27) 1,2-Dichloroethane	5.83	62	303284	52.019	ug/L	99
29) Cyclohexane	5.42	56	334261	54.970	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	327191	52.392	ug/L	100
31) Carbon tetrachloride	5.56	117	274634	53.122	ug/L	100
33) Benzene	5.81	78	835619	52.944	ug/L	100
34) Trichloroethene	6.57	95	214764	53.502	ug/L	99
35) Methylcyclohexane	6.79	83	329331	54.401	ug/L	99
37) 1,2-Dichloropropane	6.82	63	212616	51.696	ug/L	99
38) Bromodichloromethane	7.13	83	275838	52.317	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	338396	53.350	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	661601	102.897	ug/L	99
42) Toluene	7.99	91	891359	54.013	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	322014	53.002	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	202631	51.188	ug/L	97
46) Tetrachloroethene	8.57	164	154953	53.506	ug/L	99
48) 2-Hexanone	8.70	43	568804	107.017	ug/L	99
49) Dibromochloromethane	8.83	129	212388	52.242	ug/L	98
50) 1,2-Dibromoethane	8.94	107	218915	51.451	ug/L	100
51) Chlorobenzene	9.47	112	561365	52.949	ug/L	99
52) Ethylbenzene	9.59	91	996172	54.695	ug/L	99
53) m,p-Xylene	9.71	106	388314	55.541	ug/L	98
54) o-xylene	10.11	106	375798	55.369	ug/L	97
55) Styrene	10.13	104	640857	54.467	ug/L	96
56) Isopropylbenzene	10.50	105	974131	54.992	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	340088	50.480	ug/L	99
59) 1,2,3-Trichloropropane	10.83	75	295707	51.278	ug/L	99
61) Bromoform	10.30	173	152182	50.650	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	442994	52.395	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	449262	52.475	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	435294	51.728	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	90664	51.989	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	321627	52.954	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	304794	53.231	ug/L	99
69) Naphthalene	14.11	128	1115784	55.122	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	308610	53.722	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038726.D
Acq On : 09 Jun 2020 15:50
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Quant Time: Jun 10 00:37:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:33:15 2020
Response via : Initial Calibration

