Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111320\
Data File : VV019367.D
Acq On : 13 Nov 2020 09:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05097

Quant Time: Nov 16 14:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	220646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139094	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80805	48.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.04%			
7) Chloroethane-d5	1.58	69	66399	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.12%			
11) 1,1-Dichloroethene-d2	2.12	63	168119	49.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.12%			
21) 2-Butanone-d5	3.90	46	79346	92.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.38%			
24) Chloroform-d	4.37	84	155846	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.84%			
26) 1,2-Dichloroethane-d4	5.05	65	105004	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.58%			
32) Benzene-d6	5.07	84	271368	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.38%			
36) 1,2-Dichloropropane-d6	6.09	67	77089	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.62%			
41) Toluene-d8	7.33	98	271957	48.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.64	79	48102	47.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.44%			
47) 2-Hexanone-d5	8.10	63	58084	98.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.05%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	108713	50.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.78%			
64) 1,2-Dichlorobenzene-d4	11.65	152	125406	47.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	105387	56.883	ug/L	100
3) Chloromethane	1.25	50	88800	53.641	ug/L	99
5) Vinyl chloride	1.32	62	94758	53.099	ug/L	99
6) Bromomethane	1.53	94	67740	53.088	ug/L	100
8) Chloroethane	1.60	64	60480	53.744	ug/L	100
9) Trichlorofluoromethane	1.76	101	174363	54.467	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	84445	57.877	ug/L	100
12) 1,1-Dichloroethene	2.13	96	79298	53.249	ug/L	99
13) Acetone	2.19	43	72264	98.786	ug/L	97
14) Carbon disulfide	2.31	76	213473	51.843	ug/L	99
15) Methyl Acetate	2.44	43	61811	50.050	ug/L	98
16) Methylene chloride	2.52	84	76633	51.246	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	75335	52.592	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	233081	50.645	ug/L	100
19) 1,1-Dichloroethane	3.21	63	129055	51.960	ug/L	97
20) cis-1,2-Dichloroethene	3.93	96	77929	51.391	ug/L	95
22) 2-Butanone	3.99	43	83990	100.126	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111320\
Data File : VV019367.D
Acq On : 13 Nov 2020 09:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05097

Quant Time: Nov 16 14:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	45241	51.732 ug/L	97
25) Chloroform	4.40	83	150996	52.269 ug/L	97
27) 1,2-Dichloroethane	5.15	62	125109	51.122 ug/L	98
29) Cyclohexane	4.70	56	103274	54.154 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	149387	51.541 ug/L	99
31) Carbon tetrachloride	4.85	117	139443	53.424 ug/L	99
33) Benzene	5.12	78	291143	52.307 ug/L	100
34) Trichloroethene	5.93	95	87156	51.919 ug/L	97
35) Methylcyclohexane	6.15	83	111734	53.858 ug/L	99
37) 1,2-Dichloropropane	6.19	63	67549	49.933 ug/L	98
38) Bromodichloromethane	6.53	83	115052	52.321 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	124982	53.888 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	169732	99.437 ug/L	100
42) Toluene	7.41	91	337923	53.971 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	131549	53.250 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	76423	52.082 ug/L	99
46) Tetrachloroethene	7.99	164	80771	54.623 ug/L	99
48) 2-Hexanone	8.15	43	138559	103.577 ug/L	98
49) Dibromochloromethane	8.26	129	99475	52.824 ug/L	98
50) 1,2-Dibromoethane	8.37	107	84036	52.346 ug/L	98
51) Chlorobenzene	8.90	112	227045	52.730 ug/L	99
52) Ethylbenzene	9.03	91	378346	54.032 ug/L	99
53) m,p-Xylene	9.16	106	145738	53.749 ug/L	99
54) o-xylene	9.56	106	142111	54.197 ug/L	99
55) Styrene	9.58	104	259126	55.880 ug/L	97
56) Isopropylbenzene	9.95	105	388227	55.141 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	104804	52.269 ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	94419	51.108 ug/L	99
61) Bromoform	9.75	173	79744	50.356 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	206669	52.884 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	209845	51.330 ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	203787	51.538 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	28091	49.185 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	153414	51.208 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	141574	52.529 ug/L	99
69) Naphthalene	13.52	128	325784	51.185 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	142352	52.491 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111320\
Data File : VV019367.D
Acq On : 13 Nov 2020 09:23
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05097

Quant Time: Nov 16 14:54:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 16 13:41:50 2020
Response via : Initial Calibration