Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019228.D
Acq On : 03 Nov 2020 11:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050311

Quant Time: Nov 04 07:07:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 05:28:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269807	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264396	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	148130	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93425	44.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.74%			
7) Chloroethane-d5	1.58	69	78075	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.70%			
11) 1,1-Dichloroethene-d2	2.12	63	190827	49.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.00%			
21) 2-Butanone-d5	3.90	46	112369	97.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.87%			
24) Chloroform-d	4.37	84	181354	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.08%			
26) 1,2-Dichloroethane-d4	5.05	65	123239	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.78%			
32) Benzene-d6	5.07	84	336327	46.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.14%			
36) 1,2-Dichloropropane-d6	6.09	67	99665	45.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.44%			
41) Toluene-d8	7.33	98	315534	46.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.64	79	57475	46.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.14%			
47) 2-Hexanone-d5	8.10	63	78106	92.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.30%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	128947	44.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.80%			
66) 1,2-Dichlorobenzene-d4	11.65	152	134707	45.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	88297	53.418	ug/L	100
3) Chloromethane	1.25	50	85640	49.757	ug/L	100
5) Vinyl chloride	1.32	62	91037	50.814	ug/L	98
6) Bromomethane	1.53	94	63528	52.762	ug/L	97
8) Chloroethane	1.60	64	61125	52.167	ug/L	96
9) Trichlorofluoromethane	1.77	101	161709	54.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83590	59.315	ug/L	99
12) 1,1-Dichloroethene	2.13	96	77042	52.894	ug/L	94
13) Acetone	2.19	43	119831	137.244	ug/L	100
14) Carbon disulfide	2.31	76	220342	52.682	ug/L	100
15) Methyl Acetate	2.44	43	83116	49.129	ug/L	98
16) Methylene chloride	2.52	84	85305	49.268	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	81517	51.589	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	274569	49.433	ug/L	99
19) 1,1-Dichloroethane	3.21	63	152025	49.105	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	89753	51.399	ug/L	96
22) 2-Butanone	3.99	43	121444	109.576	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019228.D
Acq On : 03 Nov 2020 11:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050311

Quant Time: Nov 04 07:07:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 05:28:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	46324	48.181 ug/L	92
25) Chloroform	4.40	83	164023	49.417 ug/L	99
27) 1,2-Dichloroethane	5.15	62	136872	48.512 ug/L	99
29) Cyclohexane	4.70	56	129205	57.104 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	155291	50.643 ug/L	99
31) Carbon tetrachloride	4.85	117	137450	51.914 ug/L	98
33) Benzene	5.12	78	330201	50.253 ug/L	100
34) Trichloroethene	5.93	95	90285	50.562 ug/L	98
35) Methylcyclohexane	6.15	83	122847	56.839 ug/L	99
37) 1,2-Dichloropropane	6.19	63	83198	47.444 ug/L	99
38) Bromodichloromethane	6.53	83	122463	48.526 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	139495	49.714 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	220327	93.526 ug/L	100
42) Toluene	7.41	91	364530	51.325 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	145375	50.560 ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	82582	47.646 ug/L	97
46) Tetrachloroethene	7.99	164	77287	53.046 ug/L	98
48) 2-Hexanone	8.15	43	181778	102.063 ug/L	99
49) Dibromochloromethane	8.26	129	99141	47.962 ug/L	100
50) 1,2-Dibromoethane	8.37	107	86121	47.936 ug/L	97
51) Chlorobenzene	8.90	112	236730	49.829 ug/L	100
52) Ethylbenzene	9.03	91	410896	52.437 ug/L	99
53) m,p-Xylene	9.16	106	154900	52.802 ug/L	99
54) o-Xylene	9.56	106	150416	52.017 ug/L	98
55) Styrene	9.58	104	266417	51.759 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	121168	46.208 ug/L	100
59) Bromoform	9.75	173	75782	46.095 ug/L	99
60) Isopropylbenzene	9.95	105	412340	53.112 ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	104169	45.265 ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	347030	53.668 ug/L	98
63) 1,2,4-Trimethylbenzene	10.93	105	338559	53.509 ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	206093	50.750 ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	214013	50.939 ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	203669	49.023 ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	30153	44.912 ug/L	98
69) 1,3,5-Trichlorobenzene	12.67	180	152327	52.262 ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	141530	51.605 ug/L	100
71) Naphthalene	13.52	128	386993	50.033 ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	139668	51.373 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110420\
Data File : VV019228.D
Acq On : 03 Nov 2020 11:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050311

Quant Time: Nov 04 07:07:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 05:28:09 2020
Response via : Initial Calibration