Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120420\
Data File : VV019474.D
Acq On : 04 Dec 2020 12:45
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05077

Quant Time: Dec 05 02:32:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	329906	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179371	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	145057	44.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.04%			
7) Chloroethane-d5	1.57	69	114896	42.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.68%			
11) 1,1-Dichloroethene-d2	2.12	63	288026	49.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.22%			
21) 2-Butanone-d5	3.89	46	177131	88.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.20%			
24) Chloroform-d	4.37	84	279935	52.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.10%			
26) 1,2-Dichloroethane-d4	5.05	65	188118	53.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.90%			
32) Benzene-d6	5.07	84	538828	55.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.10%			
36) 1,2-Dichloropropane-d6	6.09	67	178593	55.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.66%			
41) Toluene-d8	7.33	98	481018	55.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.70%			
43) trans-1,3-Dichloropropene-	7.64	79	86241	55.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.64%			
47) 2-Hexanone-d5	8.10	63	111750	87.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.88%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	216706	51.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.74%			
64) 1,2-Dichlorobenzene-d4	11.64	152	172514	49.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	100113	37.544	ug/L	100
3) Chloromethane	1.25	50	131406	36.643	ug/L	99
5) Vinyl chloride	1.32	62	137900	40.246	ug/L	100
6) Bromomethane	1.52	94	87517	39.178	ug/L	98
8) Chloroethane	1.59	64	88561	40.612	ug/L	98
9) Trichlorofluoromethane	1.76	101	188862	43.900	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110450	47.742	ug/L	95
12) 1,1-Dichloroethene	2.13	96	103020	42.772	ug/L	83
13) Acetone	2.17	43	177878	115.841	ug/L	93
14) Carbon disulfide	2.31	76	329475	47.128	ug/L	100
15) Methyl Acetate	2.44	43	157172	50.553	ug/L	96
16) Methylene chloride	2.52	84	132020	47.321	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	118256	49.641	ug/L	91
18) Methyl tert-butyl Ether	2.78	73	395848	52.256	ug/L	96
19) 1,1-Dichloroethane	3.21	63	256293	52.449	ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	128716	49.168	ug/L	90
22) 2-Butanone	3.97	43	237459	116.604	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Fri Dec 04 08:04:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	65280	47.084 ug/L	89
25) Chloroform	4.40	83	249236	50.457 ug/L	99
27) 1,2-Dichloroethane	5.15	62	209275	53.996 ug/L	98
29) Cyclohexane	4.70	56	210153	61.189 ug/L	95
30) 1,1,1-Trichloroethane	4.63	97	209096	52.760 ug/L	96
31) Carbon tetrachloride	4.85	117	175748	51.656 ug/L	99
33) Benzene	5.12	78	532689	54.252 ug/L	100
34) Trichloroethene	5.93	95	140304	51.241 ug/L	96
35) Methylcyclohexane	6.15	83	194772	60.450 ug/L	97
37) 1,2-Dichloropropane	6.19	63	151366	55.891 ug/L	98
38) Bromodichloromethane	6.53	83	187624	52.254 ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	214535	53.628 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	432112	113.153 ug/L	97
42) Toluene	7.41	91	551055	54.102 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	222593	55.862 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	128970	50.856 ug/L	99
46) Tetrachloroethene	7.99	164	94349	49.614 ug/L	94
48) 2-Hexanone	8.15	43	344649	113.949 ug/L	96
49) Dibromochloromethane	8.26	129	136071	48.548 ug/L	100
50) 1,2-Dibromoethane	8.37	107	132009	49.049 ug/L	100
51) Chlorobenzene	8.90	112	334441	49.772 ug/L	98
52) Ethylbenzene	9.03	91	599236	54.822 ug/L	98
53) m,p-Xylene	9.16	106	215756	53.348 ug/L	98
54) o-xylene	9.56	106	209177	53.119 ug/L	97
55) Styrene	9.58	104	377758	53.588 ug/L	99
56) Isopropylbenzene	9.95	105	564505	54.716 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	198974	51.331 ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	175401	49.305 ug/L	99
61) Bromoform	9.75	173	93556	45.623 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	262754	50.353 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	273158	49.804 ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	263520	49.188 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	46267	49.908 ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	199423	52.500 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	174399	51.857 ug/L	98
69) Naphthalene	13.52	128	467691	54.689 ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	181875	51.739 ug/L	98

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

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