Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102920\
Data File : VV019152.D
Acq On : 29 Oct 2020 16:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05079

Quant Time: Oct 30 04:31:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 29 16:00:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138640	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93621	45.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.20%			
7) Chloroethane-d5	1.58	69	71663	44.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.86%			
11) 1,1-Dichloroethene-d2	2.12	63	173830	44.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.02%			
21) 2-Butanone-d5	3.91	46	119129	93.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.69%			
24) Chloroform-d	4.38	84	175948	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.12%			
26) 1,2-Dichloroethane-d4	5.06	65	122319	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.92%			
32) Benzene-d6	5.07	84	328898	45.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.78%			
36) 1,2-Dichloropropane-d6	6.09	67	97157	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.92%			
41) Toluene-d8	7.34	98	312462	45.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.76%			
43) trans-1,3-Dichloropropene-	7.64	79	58382	47.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.42%			
47) 2-Hexanone-d5	8.11	63	90191	97.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.44%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132244	45.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.78%			
64) 1,2-Dichlorobenzene-d4	11.65	152	130105	44.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	98744	43.047	ug/L	98
3) Chloromethane	1.25	50	90183	43.293	ug/L	97
5) Vinyl chloride	1.32	62	92252	43.257	ug/L	99
6) Bromomethane	1.53	94	62669	43.869	ug/L	98
8) Chloroethane	1.60	64	57498	43.360	ug/L	99
9) Trichlorofluoromethane	1.77	101	154873	43.571	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	73617	43.036	ug/L	99
12) 1,1-Dichloroethene	2.13	96	72866	43.495	ug/L	99
13) Acetone	2.19	43	90340	76.475	ug/L	97
14) Carbon disulfide	2.31	76	235111	44.153	ug/L	100
15) Methyl Acetate	2.45	43	87558	45.993	ug/L	99
16) Methylene chloride	2.52	84	82210	43.216	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	80297	44.626	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	268696	44.596	ug/L	100
19) 1,1-Dichloroethane	3.21	63	147643	44.042	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	87517	44.318	ug/L	99
22) 2-Butanone	3.99	43	116601	90.620	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Thu Oct 29 16:00:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	46430	43.815	ug/L	98
25) Chloroform	4.40	83	158740	43.819	ug/L	100
27) 1,2-Dichloroethane	5.15	62	131852	42.753	ug/L	100
29) Cyclohexane	4.70	56	126089	44.698	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	150483	43.948	ug/L	99
31) Carbon tetrachloride	4.86	117	133244	43.883	ug/L	100
33) Benzene	5.13	78	323140	44.355	ug/L	100
34) Trichloroethene	5.94	95	86789	43.486	ug/L	98
35) Methylcyclohexane	6.15	83	120313	44.654	ug/L	99
37) 1,2-Dichloropropane	6.20	63	81749	45.184	ug/L	100
38) Bromodichloromethane	6.53	83	120525	44.781	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	136121	45.549	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	233908	93.717	ug/L	100
42) Toluene	7.41	91	359916	45.065	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	142268	45.764	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	80681	44.463	ug/L	97
46) Tetrachloroethene	8.00	164	73930	43.380	ug/L	98
48) 2-Hexanone	8.16	43	180006	90.737	ug/L	99
49) Dibromochloromethane	8.27	129	98191	44.693	ug/L	98
50) 1,2-Dibromoethane	8.37	107	88970	45.956	ug/L	96
51) Chlorobenzene	8.90	112	230159	43.955	ug/L	98
52) Ethylbenzene	9.03	91	395592	44.951	ug/L	99
53) m,p-Xylene	9.16	106	149826	45.075	ug/L	98
54) o-xylene	9.56	106	143605	44.998	ug/L	95
55) Styrene	9.58	104	257278	45.485	ug/L	99
56) Isopropylbenzene	9.95	105	392123	45.720	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	122617	44.378	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	106708	45.116	ug/L	98
61) Bromoform	9.75	173	75819	44.334	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	194594	44.498	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	196421	43.219	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	192406	44.414	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33466	45.149	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	144286	44.821	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	139150	46.136	ug/L	100
69) Naphthalene	13.52	128	414911	49.114	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	139511	47.267	ug/L	99

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

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