Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY010421\
Data File : VY003868.D
Acq On : 04 Jan 2021 12:28
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD025205

Quant Time: Jan 05 04:06:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	405124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	377937	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	219984	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	188140	27.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.80%			
7) Chloroethane-d5	2.77	69	144151	26.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.32%			
11) 1,1-Dichloroethene-d2	3.86	63	320212	27.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 108.28%			
21) 2-Butanone-d5	6.89	46	130841	50.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.40%			
24) Chloroform-d	7.48	84	301271	26.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.68%			
26) 1,2-Dichloroethane-d4	8.14	65	179445	25.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%			
32) Benzene-d6	8.11	84	597823	28.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.80%			
36) 1,2-Dichloropropane-d6	9.12	67	174980	28.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.92%			
41) Toluene-d8	10.18	98	564679	28.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.52%			
43) trans-1,3-Dichloropropene-	10.43	79	95578	27.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.36%			
47) 2-Hexanone-d5	10.79	63	103864	54.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.08%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	171299	28.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.44%			
66) 1,2-Dichlorobenzene-d4	13.72	152	222766	27.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	150278	22.142	ug/L	99
3) Chloromethane	2.12	50	159835	21.030	ug/L	97
5) Vinyl chloride	2.26	62	180626	22.399	ug/L	98
6) Bromomethane	2.66	94	119619	24.262	ug/L	97
8) Chloroethane	2.80	64	112005	23.014	ug/L	97
9) Trichlorofluoromethane	3.14	101	265873	24.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	147279	26.035	ug/L	98
12) 1,1-Dichloroethene	3.88	96	137111	25.819	ug/L	92
13) Acetone	3.96	43	84770	43.600	ug/L	99
14) Carbon disulfide	4.20	76	428450	23.971	ug/L	99
15) Methyl Acetate	4.48	43	108715	24.302	ug/L	99
16) Methylene chloride	4.73	84	160327	24.675	ug/L	94
17) trans-1,2-Dichloroethene	5.23	96	147055	25.308	ug/L	98
18) Methyl tert-butyl Ether	5.23	73	423008	24.646	ug/L	98
19) 1,1-Dichloroethane	6.03	63	265840	25.321	ug/L	96
20) cis-1,2-Dichloroethene	6.99	96	161082	25.639	ug/L	100
22) 2-Butanone	6.99	43	141127	46.832	ug/L	99

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Instrument : MSVOA_Y
ClientSampleId : VSTD025205

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Quant Title : VOC Analysis
QLast Update : Thu Dec 31 03:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.34	128	78291	25.200 ug/L	97
25) Chloroform	7.51	83	278006	25.260 ug/L	99
27) 1,2-Dichloroethane	8.24	62	202927	23.725 ug/L	99
29) Cyclohexane	7.79	56	258159	26.065 ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	261873	25.743 ug/L	98
31) Carbon tetrachloride	7.90	117	238152	25.315 ug/L	98
33) Benzene	8.17	78	600994	26.014 ug/L	100
34) Trichloroethene	8.94	95	164682	25.793 ug/L	98
35) Methylcyclohexane	9.18	83	273068	26.281 ug/L	100
37) 1,2-Dichloropropane	9.22	63	155566	26.450 ug/L	100
38) Bromodichloromethane	9.50	83	211050	25.469 ug/L	98
39) cis-1,3-Dichloropropene	9.93	75	258479	25.726 ug/L	96
40) 4-Methyl-2-pentanone	10.07	43	311398	49.594 ug/L	98
42) Toluene	10.25	91	669396	26.194 ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	247589	25.526 ug/L	97
45) 1,1,2-Trichloroethane	10.65	97	130042	25.743 ug/L	96
46) Tetrachloroethene	10.72	164	147135	26.642 ug/L	97
48) 2-Hexanone	10.83	43	222859	48.713 ug/L	98
49) Dibromochloromethane	10.98	129	165489	25.876 ug/L	94
50) 1,2-Dibromoethane	11.09	107	129611	25.983 ug/L	97
51) Chlorobenzene	11.51	112	434706	26.303 ug/L	99
52) Ethylbenzene	11.59	91	751631	26.256 ug/L	100
53) m,p-Xylene	11.70	106	288433	26.569 ug/L	94
54) o-Xylene	12.03	106	277470	26.249 ug/L	97
55) Styrene	12.04	104	485017	26.533 ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.58	83	158028	26.434 ug/L	98
59) Bromoform	12.21	173	120517	25.384 ug/L	99
60) Isopropylbenzene	12.33	105	769339	26.453 ug/L	99
61) 1,2,3-Trichloropropane	12.64	75	135616	25.102 ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	637591	26.395 ug/L	98
63) 1,2,4-Trimethylbenzene	13.12	105	641442	26.211 ug/L	98
64) 1,3-Dichlorobenzene	13.37	146	370945	26.330 ug/L	98
65) 1,4-Dichlorobenzene	13.45	146	377275	26.446 ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	342671	25.975 ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	34406	25.621 ug/L	95
69) 1,3,5-Trichlorobenzene	14.50	180	293545	26.728 ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	248808	26.719 ug/L	99
71) Naphthalene	15.23	128	508320	26.148 ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	219600	26.698 ug/L	98

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

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