Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY010421\
Data File : VY003873.D
Acq On : 04 Jan 2021 16:20
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD025206

Quant Time: Jan 05 04:10:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 05 04:09:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	319190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	303030	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	176587	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	151876	28.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.52%			
7) Chloroethane-d5	2.77	69	117265	27.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.76%			
11) 1,1-Dichloroethene-d2	3.86	63	259525	27.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 111.40%#			
21) 2-Butanone-d5	6.89	46	105410	51.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.66%			
24) Chloroform-d	7.48	84	249417	28.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.16%			
26) 1,2-Dichloroethane-d4	8.15	65	153761	27.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.52%			
32) Benzene-d6	8.11	84	485601	28.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.28%			
36) 1,2-Dichloropropane-d6	9.12	67	143155	28.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.20%			
41) Toluene-d8	10.18	98	464794	29.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.56%			
43) trans-1,3-Dichloropropene-	10.43	79	79956	28.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.08%			
47) 2-Hexanone-d5	10.79	63	82363	53.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.90%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	138132	28.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.08%			
66) 1,2-Dichlorobenzene-d4	13.72	152	185379	28.73	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 114.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	124390	23.262	ug/L	99
3) Chloromethane	2.12	50	133714	22.329	ug/L	97
5) Vinyl chloride	2.26	62	150194	23.639	ug/L	99
6) Bromomethane	2.66	94	98219	25.285	ug/L	99
8) Chloroethane	2.80	64	94841	24.734	ug/L	100
9) Trichlorofluoromethane	3.14	101	224751	26.479	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	121419	27.243	ug/L	99
12) 1,1-Dichloroethene	3.88	96	110552	26.422	ug/L	98
13) Acetone	3.95	43	74296	48.500	ug/L	100
14) Carbon disulfide	4.20	76	344830	24.487	ug/L	99
15) Methyl Acetate	4.48	43	86276	24.479	ug/L	98
16) Methylene chloride	4.73	84	124647	24.348	ug/L	94
17) trans-1,2-Dichloroethene	5.23	96	120863	26.400	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	352767	26.087	ug/L #	89
19) 1,1-Dichloroethane	6.03	63	222016	26.840	ug/L	96
20) cis-1,2-Dichloroethene	6.99	96	131374	26.540	ug/L	96
22) 2-Butanone	6.99	43	117827	49.627	ug/L	99

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Instrument : MSVOA_Y
ClientSampleId : VSTD025206

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 05 04:09:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	66070	26.992	ug/L	97
25) Chloroform	7.51	83	232041	26.759	ug/L	100
27) 1,2-Dichloroethane	8.24	62	175377	26.024	ug/L	98
29) Cyclohexane	7.79	56	210471	26.503	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	220343	27.014	ug/L	98
31) Carbon tetrachloride	7.90	117	203842	27.024	ug/L	99
33) Benzene	8.16	78	497492	26.857	ug/L	100
34) Trichloroethene	8.94	95	137103	26.782	ug/L	99
35) Methylcyclohexane	9.19	83	223824	26.866	ug/L	99
37) 1,2-Dichloropropane	9.22	63	127408	27.017	ug/L	99
38) Bromodichloromethane	9.50	83	181969	27.388	ug/L	99
39) cis-1,3-Dichloropropene	9.93	75	217188	26.959	ug/L	99
40) 4-Methyl-2-pentanone	10.07	43	258141	51.275	ug/L	100
42) Toluene	10.25	91	556380	27.153	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	208482	26.807	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	108959	26.901	ug/L	94
46) Tetrachloroethene	10.72	164	120137	27.131	ug/L	97
48) 2-Hexanone	10.83	43	184856	50.394	ug/L	99
49) Dibromochloromethane	10.98	129	143375	27.959	ug/L	99
50) 1,2-Dibromoethane	11.09	107	106901	26.728	ug/L	95
51) Chlorobenzene	11.51	112	365378	27.573	ug/L	100
52) Ethylbenzene	11.59	91	627837	27.353	ug/L	99
53) m,p-Xylene	11.70	106	239148	27.474	ug/L	98
54) o-Xylene	12.03	106	231234	27.283	ug/L	95
55) Styrene	12.04	104	407003	27.769	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	129879	27.096	ug/L	98
59) Bromoform	12.21	173	103030	27.034	ug/L	98
60) Isopropylbenzene	12.33	105	643452	27.562	ug/L	100
61) 1,2,3-Trichloropropane	12.64	75	109685	25.292	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	536280	27.657	ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	539997	27.489	ug/L	99
64) 1,3-Dichlorobenzene	13.37	146	310947	27.496	ug/L	98
65) 1,4-Dichlorobenzene	13.45	146	313081	27.339	ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	289226	27.311	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	28362	26.310	ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	244026	27.679	ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	203212	27.186	ug/L	98
71) Naphthalene	15.23	128	414745	26.578	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	183980	27.864	ug/L	97

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

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