Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112320\
Data File : VY003588.D
Acq On : 23 Nov 2020 12:36
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VICV401

Quant Time: Nov 24 07:17:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	218012	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	205881	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	105861	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	76654	24.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.68%			
7) Chloroethane-d5	2.77	69	62060	24.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.36%			
11) 1,1-Dichloroethene-d2	3.85	63	163398	25.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.24%			
21) 2-Butanone-d5	6.90	46	65307	49.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.26%			
24) Chloroform-d	7.48	84	156011	25.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.16%			
26) 1,2-Dichloroethane-d4	8.14	65	85128	24.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%			
32) Benzene-d6	8.11	84	324287	24.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.04%			
36) 1,2-Dichloropropane-d6	9.12	67	96717	24.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.20%			
41) Toluene-d8	10.17	98	297514	25.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.32%			
43) trans-1,3-Dichloropropene-	10.44	79	47942	25.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.56%			
47) 2-Hexanone-d5	10.78	63	51635	51.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.14%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	86434	25.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.52%			
66) 1,2-Dichlorobenzene-d4	13.72	152	94763	25.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	32495	27.880	ug/L	93
3) Chloromethane	2.12	50	59034	26.769	ug/L	94
5) Vinyl chloride	2.26	62	83799	26.972	ug/L	97
6) Bromomethane	2.66	94	58827	25.866	ug/L	95
8) Chloroethane	2.80	64	51844	26.693	ug/L	96
9) Trichlorofluoromethane	3.13	101	57724	25.448	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	78281	26.308	ug/L	93
12) 1,1-Dichloroethene	3.88	96	83737	26.459	ug/L	87
13) Acetone	3.97	43	40559	46.185	ug/L	72
14) Carbon disulfide	4.20	76	266947	26.537	ug/L	100
15) Methyl Acetate	4.49	43	59669	25.589	ug/L	100
16) Methylene chloride	4.71	84	97704	22.917	ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	88711	26.466	ug/L	97
18) Methyl tert-butyl Ether	5.22	73	134121	26.900	ug/L	100
19) 1,1-Dichloroethane	6.02	63	152718	26.790	ug/L	96
20) cis-1,2-Dichloroethene	6.99	96	93569	26.768	ug/L	98
22) 2-Butanone	7.00	43	74690	50.107	ug/L	99

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Instrument : MSVOA_Y
ClientSampleId : VICV401

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112320SMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 12:08:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.33	128	43938	26.182 ug/L	98
25) Chloroform	7.51	83	150610	26.612 ug/L	100
27) 1,2-Dichloroethane	8.24	62	100951	26.491 ug/L	100
29) Cyclohexane	7.78	56	137350	27.164 ug/L	98
30) 1,1,1-Trichloroethane	7.71	97	119339	26.814 ug/L	98
31) Carbon tetrachloride	7.90	117	115296	26.490 ug/L	96
33) Benzene	8.16	78	354843	26.263 ug/L	100
34) Trichloroethene	8.94	95	87035	25.981 ug/L	96
35) Methylcyclohexane	9.18	83	137254	26.095 ug/L	98
37) 1,2-Dichloropropane	9.21	63	89608	26.189 ug/L	100
38) Bromodichloromethane	9.49	83	112769	25.976 ug/L	97
39) cis-1,3-Dichloropropene	9.92	75	141658	26.790 ug/L	98
40) 4-Methyl-2-pentanone	10.07	43	152395	53.006 ug/L	100
42) Toluene	10.24	91	381019	26.840 ug/L	99
44) trans-1,3-Dichloropropene	10.46	75	130522	26.621 ug/L	95
45) 1,1,2-Trichloroethane	10.64	97	72499	26.186 ug/L	98
46) Tetrachloroethene	10.72	164	76530	26.069 ug/L	99
48) 2-Hexanone	10.83	43	116712	52.433 ug/L	98
49) Dibromochloromethane	10.98	129	86810	26.746 ug/L	97
50) 1,2-Dibromoethane	11.08	107	71964	26.555 ug/L	98
51) Chlorobenzene	11.51	112	240624	26.640 ug/L	100
52) Ethylbenzene	11.59	91	398637	27.521 ug/L	99
53) m,p-Xylene	11.70	106	152095	27.208 ug/L	96
54) o-Xylene	12.03	106	133359	28.227 ug/L	100
55) Styrene	12.04	104	257901	27.912 ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	88698	26.611 ug/L	99
59) Bromoform	12.20	173	59093	26.241 ug/L	98
60) Isopropylbenzene	12.33	105	296248	27.728 ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	66509	25.850 ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	225640	28.719 ug/L	98
63) 1,2,4-Trimethylbenzene	13.11	105	238633	28.649 ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	183292	27.012 ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	186777	26.436 ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	156332	27.257 ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	11994	26.024 ug/L	98
69) 1,3,5-Trichlorobenzene	14.50	180	101915	27.839 ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	88362	27.901 ug/L	100
71) Naphthalene	15.23	128	163774	28.628 ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	67529	28.214 ug/L	99

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

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