Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112520\
Data File : VY003626.D
Acq On : 25 Nov 2020 17:53
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VICV402

Quant Time: Nov 26 05:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112520SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 26 05:16:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	239932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	225470	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	116481	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	77899	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.52%			
7) Chloroethane-d5	2.77	69	60479	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.96%			
11) 1,1-Dichloroethene-d2	3.86	63	151334	22.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.12%			
21) 2-Butanone-d5	6.90	46	64864	50.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.38%			
24) Chloroform-d	7.48	84	151501	24.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.44%			
26) 1,2-Dichloroethane-d4	8.15	65	83092	23.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.36%			
32) Benzene-d6	8.12	84	311102	23.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.52%			
36) 1,2-Dichloropropane-d6	9.12	67	94847	24.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.44%			
41) Toluene-d8	10.18	98	282394	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.56%			
43) trans-1,3-Dichloropropene-	10.43	79	45725	23.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.88%			
47) 2-Hexanone-d5	10.79	63	51574	52.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.14%			
56) 1,1,2,2-Tetrachloroethane-	12.56	84	97212	24.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.84%			
66) 1,2-Dichlorobenzene-d4	13.72	152	102346	24.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	69093	24.102	ug/L	100
3) Chloromethane	2.12	50	77026	23.552	ug/L	100
5) Vinyl chloride	2.26	62	82330	23.561	ug/L	97
6) Bromomethane	2.66	94	53416	23.059	ug/L	98
8) Chloroethane	2.80	64	51206	24.526	ug/L	97
9) Trichlorofluoromethane	3.14	101	123230	23.331	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	77572	23.435	ug/L	100
12) 1,1-Dichloroethene	3.89	96	75340	24.172	ug/L	94
13) Acetone	3.97	43	42881	40.717	ug/L	91
14) Carbon disulfide	4.20	76	252874	23.817	ug/L	99
15) Methyl Acetate	4.49	43	54980	24.334	ug/L	100
16) Methylene chloride	4.73	84	95210	19.910	ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	83376	24.668	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	208482	25.029	ug/L	99
19) 1,1-Dichloroethane	6.03	63	143232	24.346	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	91053	25.198	ug/L	96
22) 2-Butanone	7.00	43	75362	47.340	ug/L	98

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VICV402

Quant Time: Nov 26 05:18:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM112520SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 26 05:16:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.34	128	43318	24.482 ug/L	96
25) Chloroform	7.51	83	144613	24.458 ug/L	98
27) 1,2-Dichloroethane	8.24	62	96471	24.567 ug/L	96
29) Cyclohexane	7.79	56	131761	24.250 ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	127696	23.892 ug/L	100
31) Carbon tetrachloride	7.90	117	113721	23.476 ug/L	99
33) Benzene	8.17	78	335788	24.243 ug/L	100
34) Trichloroethene	8.94	95	81517	23.661 ug/L	95
35) Methylcyclohexane	9.18	83	141755	23.807 ug/L	98
37) 1,2-Dichloropropane	9.22	63	86354	24.797 ug/L	98
38) Bromodichloromethane	9.50	83	108965	24.537 ug/L	97
39) cis-1,3-Dichloropropene	9.93	75	135530	24.863 ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	154245	50.143 ug/L	99
42) Toluene	10.25	91	361896	24.717 ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	123698	24.729 ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	70035	24.173 ug/L	96
46) Tetrachloroethene	10.72	164	70297	23.447 ug/L	97
48) 2-Hexanone	10.83	43	112541	51.283 ug/L	99
49) Dibromochloromethane	10.98	129	84241	24.758 ug/L	99
50) 1,2-Dibromoethane	11.09	107	69483	24.936 ug/L	100
51) Chlorobenzene	11.51	112	227844	24.501 ug/L	99
52) Ethylbenzene	11.59	91	384164	24.426 ug/L	100
53) m,p-Xylene	11.70	106	149764	24.850 ug/L	98
54) o-Xylene	12.03	106	143652	25.044 ug/L	95
55) Styrene	12.04	104	249619	25.385 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	94612	24.725 ug/L	99
59) Bromoform	12.20	173	57356	24.715 ug/L	99
60) Isopropylbenzene	12.32	105	376899	24.617 ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	67452	24.220 ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	300767	24.971 ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	297171	25.111 ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	177707	24.448 ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	176988	23.777 ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	165482	24.544 ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	15809	24.985 ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	118499	23.570 ug/L	98
70) 1,2,4-trichlorobenzene	15.00	180	102271	23.619 ug/L	100
71) Naphthalene	15.23	128	227311	25.214 ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	97031	24.438 ug/L	99

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

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