Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\
Data File : VV009582.D
Acq On : 10 Mar 2019 21:58
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02575

Quant Time: Mar 11 04:54:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136053	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136880	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68104	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32717	19.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.92%			
7) Chloroethane-d5	1.56	69	38032	16.06	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.24%			
10) 1,1-Dichloroethene-d2	2.12	63	96507	22.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.56%			
20) 2-Butanone-d5	3.93	46	33455	59.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.90%			
24) Chloroform-d	4.40	84	87807	27.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.36%			
26) 1,2-Dichloroethane-d4	5.08	65	53550	29.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.16%			
29) Benzene-d6	5.10	84	165588	24.43	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.72%			
33) 1,2-Dichloropropane-d6	6.12	67	51806	25.90	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.60%			
37) Toluene-d8	7.36	98	161760	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.88%			
38) trans-1,3-Dichloropropene-	7.66	79	23484	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.88%			
39) 2-Hexanone-d5	8.13	63	26158	56.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.04%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59861	28.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.32%			
61) 1,2-Dichlorobenzene-d4	11.67	152	64987	26.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	37839	24.155	ug/L	96
3) Chloromethane	1.25	50	41763	25.014	ug/L	99
5) Vinyl chloride	1.32	62	43735	23.761	ug/L	97
6) Bromomethane	1.51	94	41719	18.207	ug/L	98
8) Chloroethane	1.58	64	34291	16.765	ug/L	99
9) Trichlorofluoromethane	1.76	101	92469	24.490	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	53413	25.264	ug/L	95
12) 1,1-Dichloroethene	2.13	96	45599	25.209	ug/L	87
13) Acetone	2.19	43	27742	48.891	ug/L	94
14) Carbon disulfide	2.31	76	113127	24.674	ug/L	100
15) Methyl Acetate	2.46	43	26000	28.295	ug/L	100
16) Methylene chloride	2.53	84	50786	28.443	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	126246	31.167	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	43946	27.047	ug/L	100
19) 1,1-Dichloroethane	3.23	63	83761	29.258	ug/L	99
21) 2-Butanone	4.02	43	36595	51.101	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	53891	29.380	ug/L	98

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	24800	29.322 ug/L	97
25) Chloroform	4.42	83	94285	29.511 ug/L	100
27) 1,2-Dichloroethane	5.18	62	65880	29.690 ug/L	99
30) Cyclohexane	4.72	56	62983	21.681 ug/L	97
31) 1,1,1-Trichloroethane	4.66	97	77655	25.378 ug/L	98
32) Carbon tetrachloride	4.87	117	61479	23.765 ug/L	98
34) Benzene	5.14	78	191761	27.113 ug/L	100
35) Trichloroethene	5.96	95	52328	25.744 ug/L	98
36) Methylcyclohexane	6.18	83	71405	21.565 ug/L	99
40) 1,2-Dichloropropane	6.22	63	51044	27.990 ug/L	100
41) Bromodichloromethane	6.56	83	70819	28.770 ug/L	98
42) cis-1,3-Dichloropropene	7.07	75	78779	27.825 ug/L	96
43) 4-Methyl-2-pentanone	7.27	43	76972	53.543 ug/L	100
44) Toluene	7.43	91	216279	27.052 ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	68269	27.610 ug/L	99
46) 1,1,2-Trichloroethane	7.88	97	44073	29.089 ug/L	96
47) Tetrachloroethene	8.02	164	44230	28.689 ug/L	96
49) 2-Hexanone	8.18	43	57249	52.664 ug/L	95
50) Dibromochloromethane	8.29	129	51794	28.237 ug/L	99
51) 1,2-Dibromoethane	8.40	107	45108	28.816 ug/L	99
52) Chlorobenzene	8.93	112	147541	27.842 ug/L	98
53) Ethylbenzene	9.06	91	245336	26.817 ug/L	97
54) m,p-Xylene	9.18	106	92373	26.678 ug/L	93
55) o-xylene	9.59	106	95021	28.459 ug/L	96
56) Styrene	9.60	104	159053	28.955 ug/L	99
57) Isopropylbenzene	9.98	105	238720	25.921 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	63263	29.571 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	45522	29.518 ug/L	99
62) Bromoform	9.78	173	29796	26.961 ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	114103	26.822 ug/L	99
64) 1,4-Dichlorobenzene	11.32	146	115792	26.637 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	114024	28.742 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10355	26.060 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	78634	25.770 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	61416	25.139 ug/L	99
69) Naphthalene	13.55	128	124685	24.230 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	59821	26.616 ug/L	98

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

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