Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080118\
Data File : VW004396.D
Acq On : 02 Aug 2018 04:16
Operator : SY/AP
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02588

Quant Time: Aug 02 05:12:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 02 05:11:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	184708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	174693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	96250	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	45912	31.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 127.60%			
7) Chloroethane-d5	2.89	69	41160	28.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.80%			
10) 1,1-Dichloroethene-d2	4.02	63	96896	23.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 93.28%			
20) 2-Butanone-d5	7.09	46	40303	45.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.34%			
24) Chloroform-d	7.65	84	116714	25.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.24%			
26) 1,2-Dichloroethane-d4	8.31	65	67746	26.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.96%			
29) Benzene-d6	8.27	84	214882	23.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.28%			
33) 1,2-Dichloropropane-d6	9.28	67	59105	21.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.60%			
37) Toluene-d8	10.33	98	211085	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.96%			
38) trans-1,3-Dichloropropene-	10.59	79	30712	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.96%			
39) 2-Hexanone-d5	10.93	63	34942	48.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.38%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	71637	24.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	94311	25.64	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	39210	23.25	ug/L	94
3) Chloromethane	2.21	50	34253	21.40	ug/L	91
5) Vinyl chloride	2.37	62	59955	30.34	ug/L	99
6) Bromomethane	2.78	94	41173	29.10	ug/L	99
8) Chloroethane	2.93	64	38591	27.78	ug/L	97
9) Trichlorofluoromethane	3.25	101	37606	22.70	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	57359	23.49	ug/L	99
12) 1,1-Dichloroethene	4.04	96	54983	23.98	ug/L	89
13) Acetone	4.12	43	27298	34.97	ug/L	99
14) Carbon disulfide	4.38	76	152674	22.51	ug/L	100
15) Methyl Acetate	4.67	43	29453	18.92	ug/L	98
16) Methylene chloride	4.91	84	58442	20.02	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	78570	21.81	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	55782	22.41	ug/L	89
19) 1,1-Dichloroethane	6.21	63	94694	21.88	ug/L	98
21) 2-Butanone	7.18	43	38984	36.64	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	61531	22.43	ug/L	95

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	7.51	128	30859	23.95	ug/L		92
25) Chloroform	7.68	83	108737	23.88	ug/L		99
27) 1,2-Dichloroethane	8.40	62	72949	23.72	ug/L		97
30) Cyclohexane	7.96	56	82297	19.95	ug/L		96
31) 1,1,1-Trichloroethane	7.87	97	94813	24.77	ug/L		100
32) Carbon tetrachloride	8.07	117	94761	25.42	ug/L		100
34) Benzene	8.33	78	219917	21.72	ug/L		100
35) Trichloroethene	9.10	95	60913	22.47	ug/L		97
36) Methylcyclohexane	9.34	83	106355	22.00	ug/L		98
40) 1,2-Dichloropropane	9.37	63	51004	20.08	ug/L	#	97
41) Bromodichloromethane	9.65	83	75454	22.96	ug/L		99
42) cis-1,3-Dichloropropene	10.08	75	80879	20.30	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	78542	38.19	ug/L		97
44) Toluene	10.39	91	241766	22.20	ug/L		99
45) trans-1,3-Dichloropropene	10.61	75	74900	20.94	ug/L		98
46) 1,1,2-Trichloroethane	10.79	97	46484	22.19	ug/L		97
47) Tetrachloroethene	10.87	164	55731	23.94	ug/L		97
49) 2-Hexanone	10.98	43	59306	38.80	ug/L		97
50) Dibromochloromethane	11.13	129	61736	24.19	ug/L		99
51) 1,2-Dibromoethane	11.24	107	47847	23.05	ug/L		97
52) Chlorobenzene	11.66	112	166524	22.97	ug/L		99
53) Ethylbenzene	11.74	91	279329	22.67	ug/L		97
54) m,p-Xylene	11.85	106	108933	23.37	ug/L		95
55) o-xylene	12.17	106	104392	23.72	ug/L		95
56) Styrene	12.19	104	186233	24.44	ug/L		97
57) Isopropylbenzene	12.47	105	295667	23.96	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	62269	21.65	ug/L		99
59) 1,2,3-Trichloropropane	12.77	75	49111	22.18	ug/L		100
62) Bromoform	12.35	173	43802	24.40	ug/L		98
63) 1,3-Dichlorobenzene	13.51	146	139285	22.44	ug/L		94
64) 1,4-Dichlorobenzene	13.58	146	142816	22.36	ug/L		97
65) 1,2-Dichlorobenzene	13.88	146	137405	23.41	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	12653	21.88	ug/L		98
67) 1,3,5-Trichlorobenzene	14.64	180	111514	22.66	ug/L		99
68) 1,2,4-trichlorobenzene	15.15	180	92890	22.22	ug/L		98
69) Naphthalene	15.38	128	211764	22.42	ug/L		100
70) 1,2,3-Trichlorobenzene	15.57	180	91658	23.70	ug/L		100

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

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