Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082318\
Data File : VW004908.D
Acq On : 23 Aug 2018 20:24
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02588

Quant Time: Aug 24 05:03:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	646608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	646809	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	335465	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	265306	21.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.84%			
7) Chloroethane-d5	2.89	69	197067	21.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.00%			
10) 1,1-Dichloroethene-d2	4.03	63	359133	23.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.04%			
20) 2-Butanone-d5	7.09	46	134180	53.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.88%			
24) Chloroform-d	7.65	84	341318	23.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.12%			
26) 1,2-Dichloroethane-d4	8.31	65	186720	23.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%			
29) Benzene-d6	8.28	84	847790	25.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.92%			
33) 1,2-Dichloropropane-d6	9.28	67	248282	25.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.60%			
37) Toluene-d8	10.33	98	886783	25.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.64%			
38) trans-1,3-Dichloropropene-	10.59	79	104930	24.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.80%			
39) 2-Hexanone-d5	10.93	63	140996	58.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.44%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	259632	26.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	329593	24.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	293449	24.13	ug/L	100
3) Chloromethane	2.21	50	329602	23.91	ug/L	99
5) Vinyl chloride	2.36	62	336470	24.10	ug/L	98
6) Bromomethane	2.78	94	181454	24.81	ug/L	100
8) Chloroethane	2.92	64	184934	23.70	ug/L	100
9) Trichlorofluoromethane	3.26	101	348201	24.65	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	211945	25.08	ug/L	99
12) 1,1-Dichloroethene	4.05	96	186361	24.76	ug/L	92
13) Acetone	4.15	43	90758	47.11	ug/L	100
14) Carbon disulfide	4.39	76	749596	24.03	ug/L	99
15) Methyl Acetate	4.69	43	116715	26.79	ug/L	99
16) Methylene chloride	4.93	84	264415	21.09	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	434790	26.74	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	196153	25.02	ug/L	94
19) 1,1-Dichloroethane	6.23	63	352161	24.61	ug/L	95
21) 2-Butanone	7.18	43	153537	51.75	ug/L	100
22) cis-1,2-Dichloroethene	7.18	96	208162	24.61	ug/L	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.53	128	109571	24.53	ug/L	97
25) Chloroform	7.68	83	350369	24.43	ug/L	100
27) 1,2-Dichloroethane	8.41	62	233340	24.82	ug/L	98
30) Cyclohexane	7.96	56	382002	27.74	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	330014	26.49	ug/L	99
32) Carbon tetrachloride	8.07	117	297860	26.73	ug/L	97
34) Benzene	8.33	78	967607	26.24	ug/L	100
35) Trichloroethene	9.10	95	239449	26.11	ug/L	99
36) Methylcyclohexane	9.34	83	434423	25.61	ug/L	99
40) 1,2-Dichloropropane	9.38	63	237657	26.20	ug/L	99
41) Bromodichloromethane	9.65	83	261508	26.16	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	332940	26.44	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	386990	57.79	ug/L	99
44) Toluene	10.40	91	1143319	25.81	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	298385	26.13	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	184515	26.06	ug/L	98
47) Tetrachloroethene	10.87	164	232905	25.94	ug/L	97
49) 2-Hexanone	10.98	43	303522	58.65	ug/L	99
50) Dibromochloromethane	11.13	129	206533	26.27	ug/L	100
51) 1,2-Dibromoethane	11.24	107	180822	26.01	ug/L	97
52) Chlorobenzene	11.66	112	739364	25.13	ug/L	100
53) Ethylbenzene	11.74	91	1285333	25.79	ug/L	100
54) m,p-Xylene	11.85	106	497873	25.75	ug/L	100
55) o-xylene	12.17	106	470067	26.02	ug/L	100
56) Styrene	12.19	104	816583	26.31	ug/L	99
57) Isopropylbenzene	12.47	105	1266583	26.25	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	272130	26.96	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	210516	27.07	ug/L	99
62) Bromoform	12.35	173	138754	26.09	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	578880	25.05	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	603664	24.95	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	564006	25.47	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	50356	26.81	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	470400	25.44	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	389205	26.07	ug/L	99
69) Naphthalene	15.38	128	872821	28.76	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	381436	27.12	ug/L	100

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

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