Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
Data File : VW004287.D
Acq On : 27 Jul 2018 22:18
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02594

Quant Time: Jul 28 02:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 27 23:47:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	168849	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	80911	22.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.08%			
7) Chloroethane-d5	2.89	69	56403	21.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.40%			
10) 1,1-Dichloroethene-d2	4.01	63	206791	23.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.40%			
20) 2-Butanone-d5	7.08	46	113803	55.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.68%			
24) Chloroform-d	7.65	84	212308	22.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.92%			
26) 1,2-Dichloroethane-d4	8.31	65	127757	22.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.96%			
29) Benzene-d6	8.27	84	425175	24.44	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.76%			
33) 1,2-Dichloropropane-d6	9.27	67	135912	23.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.96%			
37) Toluene-d8	10.32	98	407698	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.16%			
38) trans-1,3-Dichloropropene-	10.58	79	61813	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.16%			
39) 2-Hexanone-d5	10.93	63	86934	57.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.34%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	151818	25.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.76%			
61) 1,2-Dichlorobenzene-d4	13.86	152	147476	23.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	57102	23.79	ug/L	93
3) Chloromethane	2.21	50	82492	24.34	ug/L	98
5) Vinyl chloride	2.36	62	115157	25.47	ug/L	97
6) Bromomethane	2.77	94	63234	24.96	ug/L	99
8) Chloroethane	2.92	64	57711	23.75	ug/L	99
9) Trichlorofluoromethane	3.25	101	49156	22.46	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	116496	27.02	ug/L	98
12) 1,1-Dichloroethene	4.03	96	110341	26.44	ug/L	86
13) Acetone	4.12	43	103446	49.82	ug/L	98
14) Carbon disulfide	4.37	76	349008	25.98	ug/L	100
15) Methyl Acetate	4.67	43	97836	28.32	ug/L	99
16) Methylene chloride	4.91	84	121902	24.10	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	221022	26.68	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	115585	26.30	ug/L	98
19) 1,1-Dichloroethane	6.21	63	217554	25.41	ug/L	98
21) 2-Butanone	7.18	43	138390	52.87	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	123815	25.34	ug/L	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02594

Quant Time: Jul 28 02:50:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 27 23:47:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	58498	25.29	ug/L	99
25) Chloroform	7.68	83	218649	24.91	ug/L	99
27) 1,2-Dichloroethane	8.40	62	158739	24.58	ug/L	98
30) Cyclohexane	7.95	56	199212	27.43	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	170886	25.80	ug/L	100
32) Carbon tetrachloride	8.07	117	167889	26.06	ug/L	100
34) Benzene	8.32	78	493405	26.15	ug/L	100
35) Trichloroethene	9.09	95	126681	25.52	ug/L	100
36) Methylcyclohexane	9.34	83	225860	27.22	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131787	25.72	ug/L	99
41) Bromodichloromethane	9.65	83	159522	25.21	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	188434	25.28	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	263245	57.67	ug/L	99
44) Toluene	10.39	91	528355	26.49	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	174857	25.58	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	103226	25.95	ug/L	97
47) Tetrachloroethene	10.87	164	102237	25.75	ug/L	92
49) 2-Hexanone	10.97	43	207344	57.98	ug/L	99
50) Dibromochloromethane	11.13	129	117406	25.88	ug/L	96
51) 1,2-Dibromoethane	11.24	107	101078	26.06	ug/L	95
52) Chlorobenzene	11.66	112	321921	25.33	ug/L	95
53) Ethylbenzene	11.74	91	564176	26.22	ug/L	99
54) m,p-Xylene	11.84	106	216539	26.75	ug/L	99
55) o-xylene	12.17	106	203715	26.89	ug/L	96
56) Styrene	12.19	104	365501	27.83	ug/L	99
57) Isopropylbenzene	12.47	105	563354	27.37	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	153783	27.12	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	118598	27.20	ug/L	98
62) Bromoform	12.35	173	79533	26.24	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	247999	24.96	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	264280	25.19	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	245398	25.35	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	30003	27.60	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	196336	25.55	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	162164	25.87	ug/L	99
69) Naphthalene	15.38	128	407457	28.29	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	161083	26.57	ug/L	100

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

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