Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072718\
Data File : VW004225.D
Acq On : 26 Jul 2018 12:22
Operator : SY/AP
Sample : VSTD00586
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00586

Quant Time: Jul 26 13:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 26 13:44:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360816	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	333452	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162864	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.34	65	17649	4.94	ug/L		0.00
7) Chloroethane-d5	2.88	69	13250	5.15	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.00	63	43699	5.10	ug/L		-0.01
20) 2-Butanone-d5	7.09	46	22198	10.61	ug/L		0.00
24) Chloroform-d	7.65	84	46623	5.44	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	27428	5.32	ug/L		0.00
29) Benzene-d6	8.27	84	87152	5.64	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.28	67	29091	5.64	ug/L		0.00
37) Toluene-d8	10.33	98	78029	5.61	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	12178	5.37	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	14890	10.72	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31449	5.56	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	29390	5.61	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	11411	4.94	ug/L		96
3) Chloromethane	2.21	50	18805	5.09	ug/L		99
5) Vinyl chloride	2.36	62	23768	4.27	ug/L		100
6) Bromomethane	2.77	94	13540	4.59	ug/L		100
8) Chloroethane	2.92	64	12771	4.38	ug/L		90
9) Trichlorofluoromethane	3.25	101	12191	4.40	ug/L		99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	21528	4.37	ug/L		96
12) 1,1-Dichloroethene	4.03	96	21583	4.49	ug/L		88
13) Acetone	4.12	43	24279	10.67	ug/L		99
14) Carbon disulfide	4.37	76	70861	4.56	ug/L		100
15) Methyl Acetate	4.67	43	20984	5.41	ug/L		99
16) Methylene chloride	4.91	84	28259	4.08	ug/L		92
17) Methyl tert-butyl Ether	5.43	73	40227	4.33	ug/L	#	82
18) trans-1,2-Dichloroethene	5.42	96	22851	4.62	ug/L		98
19) 1,1-Dichloroethane	6.21	63	45796	4.87	ug/L		96
21) 2-Butanone	7.18	43	30485	10.80	ug/L		98
22) cis-1,2-Dichloroethene	7.17	96	24977	4.73	ug/L		99
23) Bromochloromethane	7.51	128	12320	4.96	ug/L		93
25) Chloroform	7.68	83	46740	4.87	ug/L		100
27) 1,2-Dichloroethane	8.40	62	33722	4.76	ug/L		99
30) Cyclohexane	7.96	56	34840	4.28	ug/L		98
31) 1,1,1-Trichloroethane	7.87	97	36992	4.88	ug/L		99
32) Carbon tetrachloride	8.07	117	35018	4.79	ug/L		100
34) Benzene	8.32	78	102110	5.00	ug/L		100
35) Trichloroethene	9.09	95	26690	4.88	ug/L		99
36) Methylcyclohexane	9.34	83	41774	4.62	ug/L		96
40) 1,2-Dichloropropane	9.37	63	27796	5.02	ug/L		98
41) Bromodichloromethane	9.65	83	33364	4.89	ug/L		98
42) cis-1,3-Dichloropropene	10.07	75	37150	4.76	ug/L		98
43) 4-Methyl-2-pentanone	10.21	43	49001	10.06	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	104565	4.88	ug/L		98
45) trans-1,3-Dichloropropene	10.61	75	33342	4.63	ug/L		96
46) 1,1,2-Trichloroethane	10.79	97	21318	4.95	ug/L		95
47) Tetrachloroethene	10.87	164	21716	4.92	ug/L		96
49) 2-Hexanone	10.97	43	39618	10.51	ug/L		98
50) Dibromochloromethane	11.13	129	23585	4.89	ug/L		87
51) 1,2-Dibromoethane	11.24	107	21035	5.00	ug/L		97
52) Chlorobenzene	11.66	112	68493	4.99	ug/L		94
53) Ethylbenzene	11.74	91	109882	4.74	ug/L		98
54) m,p-Xylene	11.85	106	41794	4.89	ug/L		99
55) o-xylene	12.17	106	37479	4.59	ug/L		99
56) Styrene	12.19	104	65723	4.65	ug/L		96
57) Isopropylbenzene	12.47	105	101807	4.54	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	32888	5.34	ug/L	#	93
59) 1,2,3-Trichloropropane	12.77	75	25445	5.34	ug/L		99
62) Bromoform	12.35	173	15908	5.18	ug/L		96
63) 1,3-Dichlorobenzene	13.51	146	50638	5.05	ug/L		94
64) 1,4-Dichlorobenzene	13.58	146	53419	4.97	ug/L		97
65) 1,2-Dichlorobenzene	13.88	146	49281	5.04	ug/L		97
66) 1,2-Dibromo-3-chloropropan	14.49	75	6242	5.48	ug/L		91
67) 1,3,5-Trichlorobenzene	14.64	180	38205	4.82	ug/L		99
68) 1,2,4-trichlorobenzene	15.15	180	29733	4.67	ug/L		99
69) Naphthalene	15.38	128	66155	4.62	ug/L		99
70) 1,2,3-Trichlorobenzene	15.57	180	30138	4.98	ug/L		100

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

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