Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040518\

Quantitation Report (QT Reviewed)

Data File : VW001878.D
Acq On : 05 Apr 2018 13:58
Operator : JC/SY
Sample : VSTD02583
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02583

Quant Time: Apr 05 14:59:31 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	441498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	222820	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	135289	18.70	ug/L	0.00
7) Chloroethane-d5	2.89	69	105742	19.81	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	307505	20.34	ug/L	0.00
20) 2-Butanone-d5	7.09	46	68768	82.93	ug/L	0.00
24) Chloroform-d	7.65	84	272182	19.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	174160	20.93	ug/L	0.00
29) Benzene-d6	8.28	84	585016	21.43	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	188107	20.90	ug/L	0.00
37) Toluene-d8	10.34	98	557240	22.51	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	81549	21.99	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	76507	59.82	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.71	84	170352	22.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	195933	21.99	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	228139	23.32	ug/L	99
3) Chloromethane	2.22	50	201863	20.25	ug/L	99
5) Vinyl chloride	2.36	62	188606	22.65	ug/L	97
6) Bromomethane	2.78	94	80544	23.97	ug/L	100
8) Chloroethane	2.92	64	98949	21.99	ug/L	94
9) Trichlorofluoromethane	3.26	101	263731	21.95	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	170624	23.57	ug/L	98
12) 1,1-Dichloroethene	4.03	96	142841	22.27	ug/L	95
13) Acetone	4.13	43	77268	31.49	ug/L	99
14) Carbon disulfide	4.37	76	536561	23.15	ug/L	100
15) Methyl Acetate	4.68	43	93379	22.44	ug/L	97
16) Methylene chloride	4.92	84	178265	19.58	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	335935	23.63	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	155540	23.13	ug/L	100
19) 1,1-Dichloroethane	6.22	63	300341	23.03	ug/L	99
21) 2-Butanone	7.18	43	114156	39.97	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	161140	23.49	ug/L	98
23) Bromochloromethane	7.52	128	74388	24.69	ug/L	95
25) Chloroform	7.68	83	329184	24.08	ug/L	99
27) 1,2-Dichloroethane	8.40	62	215742	22.37	ug/L	99
30) Cyclohexane	7.96	56	278504	25.11	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	262141	22.57	ug/L	99
32) Carbon tetrachloride	8.07	117	241476	22.87	ug/L	99
34) Benzene	8.33	78	667127	23.33	ug/L	100
35) Trichloroethene	9.10	95	170634	22.30	ug/L	99
36) Methylcyclohexane	9.34	83	294307	24.53	ug/L	99
40) 1,2-Dichloropropane	9.38	63	179053	22.69	ug/L	99
41) Bromodichloromethane	9.65	83	214418	21.76	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	251455	23.69	ug/L	97
43) 4-Methyl-2-pentanone	10.22	43	252285	46.39	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Thu Apr 05 14:54:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	711360	24.02	ug/L	100
45) trans-1,3-Dichloropropene	10.62	75	228651	24.11	ug/L	99
46) 1,1,2-Trichloroethane	10.80	97	129097	22.05	ug/L	96
47) Tetrachloroethene	10.87	164	135924	22.87	ug/L	98
49) 2-Hexanone	10.98	43	185543	46.98	ug/L	99
50) Dibromochloromethane	11.14	129	149399	22.12	ug/L	99
51) 1,2-Dibromoethane	11.24	107	117074	22.37	ug/L	95
52) Chlorobenzene	11.66	112	443591	22.91	ug/L	97
53) Ethylbenzene	11.74	91	783884	24.12	ug/L	99
54) m,p-Xylene	11.85	106	298328	25.01	ug/L	99
55) o-xylene	12.18	106	272963	24.45	ug/L	98
56) Styrene	12.20	104	476043	24.44	ug/L	99
57) Isopropylbenzene	12.48	105	746574	24.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	170074	22.62	ug/L	95
59) 1,2,3-Trichloropropane	12.78	75	132785	22.83	ug/L	99
62) Bromoform	12.36	173	91431	22.29	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	327054	23.02	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	359366	23.10	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	333512	23.64	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.50	75	30328	21.60	ug/L	97
67) 1,3,5-Trichlorobenzene	14.65	180	256641	23.24	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	206916	24.02	ug/L	98
69) Naphthalene	15.39	128	413153	24.42	ug/L	100
70) 1,2,3-Trichlorobenzene	15.58	180	205757	24.87	ug/L	98

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

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