Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
Data File : VW005353.D
Acq On : 13 Sep 2018 15:40
Operator : SY/AP
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00582

Quant Time: Sep 13 16:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 16:38:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	240779	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	244684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	131494	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	16017	4.25	ug/L	0.00
7) Chloroethane-d5	2.87	69	10487	3.75	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	25320	4.86	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9651	9.56	ug/L	0.00
24) Chloroform-d	7.65	84	22338	4.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14616	4.97	ug/L	0.00
29) Benzene-d6	8.28	84	44666	3.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	12354	3.44	ug/L	0.00
37) Toluene-d8	10.33	98	43852	3.56	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6096	3.85	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	7325	8.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	13592	3.84	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	17490	3.46	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	24540	6.98	ug/L	99
3) Chloromethane	2.21	50	24658	6.37	ug/L	98
5) Vinyl chloride	2.36	62	23312	5.97	ug/L	100
6) Bromomethane	2.76	94	12063	5.56	ug/L	98
8) Chloroethane	2.91	64	12536	5.08	ug/L	94
9) Trichlorofluoromethane	3.26	101	30462	7.24	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	16368	5.70	ug/L	96
12) 1,1-Dichloroethene	4.04	96	13508	5.54	ug/L	93
13) Acetone	4.13	43	11825	16.19	ug/L	99
14) Carbon disulfide	4.38	76	50907	5.90	ug/L	98
15) Methyl Acetate	4.68	43	12828	7.72	ug/L	96
16) Methylene chloride	4.92	84	24815	5.98	ug/L	94
17) Methyl tert-butyl Ether	5.44	73	35937	5.91	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	15961	5.80	ug/L	95
19) 1,1-Dichloroethane	6.22	63	28857	6.22	ug/L	96
21) 2-Butanone	7.18	43	16480	15.58	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	16216	5.57	ug/L	92
23) Bromochloromethane	7.52	128	7960	5.65	ug/L	82
25) Chloroform	7.68	83	29916	6.14	ug/L	99
27) 1,2-Dichloroethane	8.40	62	24112	7.51	ug/L	100
30) Cyclohexane	7.96	56	24630	5.64	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	28262	6.54	ug/L	98
32) Carbon tetrachloride	8.07	117	25962	6.63	ug/L	99
34) Benzene	8.33	78	67437	5.53	ug/L	100
35) Trichloroethene	9.09	95	18004	5.79	ug/L	98
36) Methylcyclohexane	9.34	83	28843	5.50	ug/L	99
40) 1,2-Dichloropropane	9.37	63	17418	5.84	ug/L	99
41) Bromodichloromethane	9.65	83	22777	6.35	ug/L	91
42) cis-1,3-Dichloropropene	10.08	75	24108	5.52	ug/L	92
43) 4-Methyl-2-pentanone	10.21	43	32457	14.65	ug/L	99

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.40	91	77674	5.60	ug/L		96
45) trans-1,3-Dichloropropene	10.61	75	22709	5.89	ug/L		99
46) 1,1,2-Trichloroethane	10.79	97	13844	5.56	ug/L		97
47) Tetrachloroethene	10.87	164	16849	5.74	ug/L		99
49) 2-Hexanone	10.98	43	23992	14.96	ug/L		95
50) Dibromochloromethane	11.13	129	15998	5.77	ug/L		95
51) 1,2-Dibromoethane	11.24	107	13625	5.78	ug/L		91
52) Chlorobenzene	11.66	112	53508	5.63	ug/L		99
53) Ethylbenzene	11.74	91	89936	5.75	ug/L		98
54) m,p-Xylene	11.85	106	34536	5.57	ug/L		98
55) o-xylene	12.18	106	31867	5.54	ug/L		91
56) Styrene	12.19	104	53881	5.43	ug/L		99
57) Isopropylbenzene	12.47	105	86887	5.69	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	18983	5.74	ug/L		92
59) 1,2,3-Trichloropropane	12.77	75	16604	6.42	ug/L		98
62) Bromoform	12.35	173	11117	5.88	ug/L		99
63) 1,3-Dichlorobenzene	13.51	146	42436	5.51	ug/L		97
64) 1,4-Dichlorobenzene	13.58	146	44748	5.47	ug/L		98
65) 1,2-Dichlorobenzene	13.88	146	41106	5.47	ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4661	7.66	ug/L	#	86
67) 1,3,5-Trichlorobenzene	14.64	180	33236	5.31	ug/L		99
68) 1,2,4-trichlorobenzene	15.15	180	27128	5.37	ug/L		99
69) Naphthalene	15.38	128	54641	5.37	ug/L		98
70) 1,2,3-Trichlorobenzene	15.57	180	25409	5.35	ug/L		99

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

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