Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083118\
Data File : VW005045.D
Acq On : 31 Aug 2018 15:41
Operator : SY/AP
Sample : VSTD10091
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD10091

Quant Time: Aug 31 16:01:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 15:23:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	662204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	671173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	374710	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	964904	77.09	ug/L	0.00
7) Chloroethane-d5	2.87	69	729281	78.59	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.02	63	1442248	90.24	ug/L	0.00
20) 2-Butanone-d5	7.08	46	607281	238.39	ug/L	0.00
24) Chloroform-d	7.65	84	1447494	98.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	790449	98.95	ug/L	0.00
29) Benzene-d6	8.28	84	3471473	100.55	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	1017237	100.28	ug/L	0.00
37) Toluene-d8	10.33	98	3599951	98.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	482490	110.55	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	605706	241.02	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1025542	100.62	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1446332	96.09	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	947579	76.07	ug/L	99
3) Chloromethane	2.22	50	1047064	74.17	ug/L	100
5) Vinyl chloride	2.36	62	1059512	74.10	ug/L	99
6) Bromomethane	2.75	94	614342	82.02	ug/L	100
8) Chloroethane	2.91	64	587116	73.48	ug/L	99
9) Trichlorofluoromethane	3.26	101	1149702	79.46	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	768081	88.74	ug/L	99
12) 1,1-Dichloroethene	4.04	96	699782	90.77	ug/L	94
13) Acetone	4.13	43	306761	155.47	ug/L	100
14) Carbon disulfide	4.39	76	2499517	78.25	ug/L	98
15) Methyl Acetate	4.68	43	481755	107.98	ug/L	100
16) Methylene chloride	4.92	84	899671	70.06	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	1921790	115.40	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	788365	98.20	ug/L	98
19) 1,1-Dichloroethane	6.22	63	1304243	89.00	ug/L	99
21) 2-Butanone	7.18	43	592140	194.89	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	876017	101.12	ug/L	99
23) Bromochloromethane	7.52	128	397536	86.90	ug/L	97
25) Chloroform	7.68	83	1351451	92.01	ug/L	100
27) 1,2-Dichloroethane	8.41	62	885099	91.94	ug/L	100
30) Cyclohexane	7.96	56	1406748	98.46	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	1185060	91.67	ug/L	99
32) Carbon tetrachloride	8.07	117	1088257	94.12	ug/L	98
34) Benzene	8.33	78	3501422	91.49	ug/L	100
35) Trichloroethene	9.10	95	899336	94.51	ug/L	99
36) Methylcyclohexane	9.34	83	1648987	93.69	ug/L	99
40) 1,2-Dichloropropane	9.37	63	872787	92.71	ug/L	99
41) Bromodichloromethane	9.65	83	1006041	96.99	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	1391958	106.52	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1429249	205.67	ug/L	99

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	4100089	89.21	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	1230801	103.85	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	718587	97.80	ug/L	96
47) Tetrachloroethene	10.87	164	825739	88.64	ug/L	98
49) 2-Hexanone	10.98	43	1074529	200.09	ug/L	99
50) Dibromochloromethane	11.13	129	854950	104.80	ug/L	99
51) 1,2-Dibromoethane	11.24	107	708192	98.18	ug/L	100
52) Chlorobenzene	11.66	112	2702209	88.51	ug/L	99
53) Ethylbenzene	11.74	91	4761079	92.06	ug/L	100
54) m,p-Xylene	11.85	106	1896775	94.54	ug/L	99
55) o-xylene	12.17	106	1811390	96.63	ug/L	100
56) Styrene	12.19	104	3165851	98.30	ug/L	99
57) Isopropylbenzene	12.47	105	4839474	96.66	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	975274	93.13	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	736153	91.23	ug/L	100
62) Bromoform	12.35	173	572543	96.37	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	2320296	89.88	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	2371673	87.75	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	2195867	88.77	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	181612	86.58	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	1892783	91.63	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	1609416	96.50	ug/L	100
69) Naphthalene	15.38	128	3518429	103.78	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	1462878	93.12	ug/L	99

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

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