Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004663.D
Acq On : 14 Aug 2018 11:29
Operator : SY/AP
Sample : VSTD10094
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD10094

Quant Time: Aug 14 11:48:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 11:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	954964	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	892022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	468016	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	1554941	130.91	ug/L	0.00
7) Chloroethane-d5	2.89	69	1236725	123.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	2896679	120.09	ug/L	0.00
20) 2-Butanone-d5	7.09	46	984280	187.94	ug/L	0.00
24) Chloroform-d	7.65	84	2607639	100.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1398503	97.03	ug/L	0.00
29) Benzene-d6	8.28	84	5522106	116.36	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	1698197	109.50	ug/L	0.00
37) Toluene-d8	10.33	98	5021194	120.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	731868	114.75	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	835014	221.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	1582247	94.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1861298	105.89	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	1289351	129.859	ug/L	99
3) Chloromethane	2.22	50	1551256	118.286	ug/L	99
5) Vinyl chloride	2.37	62	1960969	114.587	ug/L	99
6) Bromomethane	2.78	94	1151066	116.299	ug/L	99
8) Chloroethane	2.93	64	1123796	109.460	ug/L	94
9) Trichlorofluoromethane	3.26	101	1056695	135.371	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1501021	110.748	ug/L	99
12) 1,1-Dichloroethene	4.04	96	1459800	110.246	ug/L	97
13) Acetone	4.14	43	710451	156.575	ug/L	99
14) Carbon disulfide	4.38	76	5109018	125.789	ug/L	99
15) Methyl Acetate	4.67	43	864198	93.445	ug/L	99
16) Methylene chloride	4.92	84	1492581	78.690	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	2025957	113.033	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1508538	111.402	ug/L	97
19) 1,1-Dichloroethane	6.21	63	2600345	101.197	ug/L	98
21) 2-Butanone	7.18	43	1144995	184.357	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	1643425	111.193	ug/L	99
23) Bromochloromethane	7.52	128	719152	101.660	ug/L	96
25) Chloroform	7.68	83	2559949	97.601	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1670747	94.819	ug/L	99
30) Cyclohexane	7.96	56	2816427	133.506	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	2101491	110.884	ug/L	99
32) Carbon tetrachloride	8.07	117	2021924	110.700	ug/L	100
34) Benzene	8.33	78	6026913	109.584	ug/L	100
35) Trichloroethene	9.10	95	1525124	110.247	ug/L	99
36) Methylcyclohexane	9.34	83	3100289	127.667	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1531843	105.165	ug/L	99
41) Bromodichloromethane	9.65	83	1814609	103.710	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	2334454	117.157	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	2315891	212.046	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	6168985	111.462	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	2012895	112.381	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	1130178	99.805	ug/L	99
47) Tetrachloroethene	10.87	164	1229381	112.318	ug/L	99
49) 2-Hexanone	10.98	43	1688247	205.698	ug/L	99
50) Dibromochloromethane	11.13	129	1339496	106.633	ug/L	99
51) 1,2-Dibromoethane	11.24	107	1131406	104.232	ug/L	98
52) Chlorobenzene	11.66	112	3952361	105.595	ug/L	99
53) Ethylbenzene	11.74	91	7012079	112.747	ug/L	99
54) m,p-Xylene	11.85	106	2699140	116.324	ug/L	100
55) o-xylene	12.17	106	2623171	119.311	ug/L	96
56) Styrene	12.19	104	4482659	117.007	ug/L	99
57) Isopropylbenzene	12.47	105	7050937	118.479	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	1592109	96.870	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	1175686	95.778	ug/L	100
62) Bromoform	12.35	173	872300	102.552	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	3172498	108.938	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	3226111	103.077	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	2998101	102.748	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	276295	92.179	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	2515221	108.951	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	2144932	114.845	ug/L	99
69) Naphthalene	15.38	128	4973919	116.778	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	2009342	110.474	ug/L	99

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

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