Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
Data File : VW010292.D
Acq On : 07 May 2019 10:49
Operator : SY/VA
Sample : VSTD00508
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00505

Quant Time: May 08 01:51:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 01:48:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	517450	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	482705	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223694	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	32654	5.42	ug/L		0.00
7) Chloroethane-d5	2.89	69	27644	5.45	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.01	63	81270	5.41	ug/L		0.00
20) 2-Butanone-d5	7.07	46	24866	8.91	ug/L		0.00
24) Chloroform-d	7.64	84	75568	5.48	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.30	65	44595	5.47	ug/L		0.00
29) Benzene-d6	8.27	84	139319	5.31	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	43035	5.37	ug/L		0.00
37) Toluene-d8	10.32	98	121698	5.21	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	18988	5.18	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	16594	8.10	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39147	5.14	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	41286	5.41	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	32848	4.602	ug/L		99
3) Chloromethane	2.21	50	33661	5.048	ug/L		96
5) Vinyl chloride	2.36	62	41019	5.255	ug/L		96
6) Bromomethane	2.78	94	24349	5.161	ug/L		98
8) Chloroethane	2.92	64	24743	5.228	ug/L		98
9) Trichlorofluoromethane	3.26	101	24881	4.939	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	33257	4.653	ug/L	#	70
12) 1,1-Dichloroethene	4.03	96	35371	5.035	ug/L		99
13) Acetone	4.12	43	23169	9.700	ug/L		99
14) Carbon disulfide	4.38	76	107559	5.003	ug/L		99
15) Methyl Acetate	4.67	43	25608	4.996	ug/L	#	78
16) Methylene chloride	4.92	84	37076	5.160	ug/L		98
17) Methyl tert-butyl Ether	5.42	73	45292	4.919	ug/L		99
18) trans-1,2-Dichloroethene	5.42	96	35357	4.879	ug/L		90
19) 1,1-Dichloroethane	6.21	63	70998	5.111	ug/L		99
21) 2-Butanone	7.17	43	29932	8.760	ug/L		100
22) cis-1,2-Dichloroethene	7.17	96	35562	4.753	ug/L		95
23) Bromochloromethane	7.51	128	17034	5.074	ug/L		98
25) Chloroform	7.68	83	70905	5.169	ug/L		98
27) 1,2-Dichloroethane	8.40	62	50936	5.060	ug/L		97
30) Cyclohexane	7.95	56	55818	4.472	ug/L		98
31) 1,1,1-Trichloroethane	7.87	97	57466	5.228	ug/L		99
32) Carbon tetrachloride	8.07	117	55181	5.051	ug/L		99
34) Benzene	8.32	78	147406	4.975	ug/L		100
35) Trichloroethene	9.09	95	39206	5.008	ug/L		99
36) Methylcyclohexane	9.33	83	61236	4.631	ug/L		96
40) 1,2-Dichloropropane	9.37	63	38866	5.141	ug/L	#	95
41) Bromodichloromethane	9.65	83	49069	5.015	ug/L		95
42) cis-1,3-Dichloropropene	10.07	75	51689	4.569	ug/L		95
43) 4-Methyl-2-pentanone	10.21	43	57080	8.475	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Toluene	10.39	91	151745	4.890 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	45326	4.646 ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	28495	5.046 ug/L	96
47) Tetrachloroethene	10.86	164	29225	4.937 ug/L	97
49) 2-Hexanone	10.97	43	44140	8.642 ug/L	95
50) Dibromochloromethane	11.13	129	31660	4.874 ug/L	98
51) 1,2-Dibromoethane	11.24	107	27029	4.859 ug/L	97
52) Chlorobenzene	11.66	112	97686	5.040 ug/L	95
53) Ethylbenzene	11.73	91	165819	4.788 ug/L	100
54) m,p-Xylene	11.84	106	59272	4.704 ug/L	95
55) o-xylene	12.16	106	54676	4.661 ug/L	88
56) Styrene	12.18	104	93167	4.603 ug/L	100
57) Isopropylbenzene	12.47	105	146721	4.552 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	38545	4.966 ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	28595	4.800 ug/L	96
62) Bromoform	12.35	173	19075	4.958 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	64543	4.846 ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	74952	5.196 ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	64349	5.022 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	7288	4.773 ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	50657	5.078 ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	37916	4.802 ug/L	98
69) Naphthalene	15.37	128	70512	3.960 ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	36413	4.801 ug/L	98

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

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