Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

Quantitation Report (QT Reviewed)

Data File : VV011134.D
Acq On : 30 May 2019 13:26
Operator : SY/MD
Sample : VSTD02569
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02569

Quant Time: May 30 13:47:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 12:53:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	334972	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	320427	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157595	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	107937	23.50	ug/L		0.00
7) Chloroethane-d5	1.56	69	86302	26.33	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.12	63	231549	27.10	ug/L		0.00
20) 2-Butanone-d5	3.94	46	91154	57.59	ug/L		0.00
24) Chloroform-d	4.40	84	213202	26.25	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	136786	26.34	ug/L		0.00
29) Benzene-d6	5.09	84	451349	24.06	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.11	67	145367	24.35	ug/L		0.00
37) Toluene-d8	7.36	98	420360	24.31	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.66	79	65609	23.59	ug/L		0.00
39) 2-Hexanone-d5	8.13	63	66936	51.47	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	138554	26.99	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	152957	24.54	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	143024	26.185	ug/L		99
3) Chloromethane	1.25	50	138729	25.748	ug/L		99
5) Vinyl chloride	1.32	62	138400	27.833	ug/L		99
6) Bromomethane	1.51	94	73225	34.169	ug/L		100
8) Chloroethane	1.58	64	80600	29.880	ug/L		100
9) Trichlorofluoromethane	1.76	101	202293	30.373	ug/L		100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102613	28.710	ug/L		99
12) 1,1-Dichloroethene	2.13	96	95745	28.470	ug/L		88
13) Acetone	2.19	43	106766	59.541	ug/L		99
14) Carbon disulfide	2.31	76	311500	27.689	ug/L		100
15) Methyl Acetate	2.46	43	74036	28.605	ug/L	#	100
16) Methylene chloride	2.53	84	124753	25.475	ug/L		98
17) Methyl tert-butyl Ether	2.80	73	334963	26.590	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	117635	25.571	ug/L		96
19) 1,1-Dichloroethane	3.22	63	226497	25.325	ug/L		99
21) 2-Butanone	4.02	43	121919	55.210	ug/L		98
22) cis-1,2-Dichloroethene	3.96	96	132800	25.629	ug/L		100
23) Bromochloromethane	4.30	128	58919	26.844	ug/L		90
25) Chloroform	4.42	83	242034	25.627	ug/L		99
27) 1,2-Dichloroethane	5.18	62	173031	28.120	ug/L		100
30) Cyclohexane	4.72	56	218961	23.591	ug/L		97
31) 1,1,1-Trichloroethane	4.65	97	191442	26.240	ug/L		100
32) Carbon tetrachloride	4.87	117	161514	25.848	ug/L		100
34) Benzene	5.14	78	498494	25.727	ug/L		100
35) Trichloroethene	5.96	95	129570	25.604	ug/L		99
36) Methylcyclohexane	6.17	83	215908	24.726	ug/L		96
40) 1,2-Dichloropropane	6.22	63	126219	24.443	ug/L		99
41) Bromodichloromethane	6.55	83	169844	25.945	ug/L		100
42) cis-1,3-Dichloropropene	7.07	75	212620	25.771	ug/L		97
43) 4-Methyl-2-pentanone	7.27	43	238401	52.643	ug/L		99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 12:53:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	544614	25.851	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	180627	25.657	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	102577	26.803	ug/L	98
47) Tetrachloroethene	8.02	164	93954	25.743	ug/L	97
49) 2-Hexanone	8.18	43	178439	53.428	ug/L	97
50) Dibromochloromethane	8.29	129	116841	26.350	ug/L	99
51) 1,2-Dibromoethane	8.40	107	99413	27.145	ug/L	100
52) Chlorobenzene	8.92	112	341779	26.178	ug/L	100
53) Ethylbenzene	9.05	91	624946	26.021	ug/L	100
54) m,p-Xylene	9.18	106	230978	25.819	ug/L	100
55) o-xylene	9.59	106	227410	26.160	ug/L	96
56) Styrene	9.60	104	390425	26.488	ug/L	97
57) Isopropylbenzene	9.97	105	609536	26.273	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	139201	27.609	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	107552	27.913	ug/L	99
62) Bromoform	9.77	173	66067	24.921	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	263807	25.445	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	265903	25.772	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	252558	26.068	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	24242	24.512	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	197998	25.966	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	162458	26.781	ug/L	98
69) Naphthalene	13.55	128	354239	28.308	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	149522	26.935	ug/L	98

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

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ClientSampleId :
VSTD02569

Quant Time: May 30 13:47:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
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