Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012106.D
Acq On : 06 Aug 2019 09:57
Operator : SY/MD
Sample : VSTD00563
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005631

Quant Time: Aug 06 17:55:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 17:52:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212636	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	194498	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	99176	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	7017	6.04	ug/L		0.00
7) Chloroethane-d5	1.59	69	5643	6.84	ug/L		0.02
11) 1,1-Dichloroethene-d2	2.13	63	12770	6.34	ug/L		0.00
21) 2-Butanone-d5	3.94	46	9463	11.17	ug/L		0.02
24) Chloroform-d	4.40	84	17914	6.14	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	11652	6.22	ug/L		0.00
32) Benzene-d6	5.10	84	35100	6.27	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	10521	6.49	ug/L		0.00
41) Toluene-d8	7.36	98	33111	6.14	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.66	79	5341	5.79	ug/L		0.00
47) 2-Hexanone-d5	8.14	63	7175	10.66	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	14360	6.28	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	15001	6.43	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	6789	4.520	ug/L		93
3) Chloromethane	1.25	50	5215	4.890	ug/L		98
5) Vinyl chloride	1.33	62	4733	4.598	ug/L		95
6) Bromomethane	1.54	94	2927	4.898	ug/L		96
8) Chloroethane	1.60	64	2679	4.969	ug/L		99
9) Trichlorofluoromethane	1.77	101	7348	4.390	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3728	4.544	ug/L		95
12) 1,1-Dichloroethene	2.14	96	3694	4.782	ug/L	#	77
13) Acetone	2.19	43	7184	12.441	ug/L		100
14) Carbon disulfide	2.32	76	11934	4.571	ug/L		99
15) Methyl Acetate	2.46	43	4895	4.845	ug/L		95
16) Methylene chloride	2.54	84	5581	4.761	ug/L		95
17) trans-1,2-Dichloroethene	2.79	96	4939	4.528	ug/L		91
18) Methyl tert-butyl Ether	2.80	73	16303	4.349	ug/L	#	87
19) 1,1-Dichloroethane	3.23	63	9173	4.611	ug/L		91
20) cis-1,2-Dichloroethene	3.96	96	5840	4.545	ug/L		95
22) 2-Butanone	4.03	43	6404	8.606	ug/L		83
23) Bromochloromethane	4.30	128	3162	4.475	ug/L		90
25) Chloroform	4.42	83	10311	4.573	ug/L		98
27) 1,2-Dichloroethane	5.18	62	8070	4.605	ug/L		97
29) Cyclohexane	4.73	56	7004	4.306	ug/L		92
30) 1,1,1-Trichloroethane	4.66	97	8793	4.256	ug/L		99
31) Carbon tetrachloride	4.87	117	8567	4.470	ug/L		100
33) Benzene	5.15	78	20197	4.511	ug/L		100
34) Trichloroethene	5.96	95	5613	4.510	ug/L		95
35) Methylcyclohexane	6.18	83	8131	4.390	ug/L	#	81
37) 1,2-Dichloropropane	6.22	63	4880	4.469	ug/L	#	87
38) Bromodichloromethane	6.55	83	7624	4.438	ug/L		89
39) cis-1,3-Dichloropropene	7.07	75	8586	4.459	ug/L		97
40) 4-Methyl-2-pentanone	7.27	43	11856	8.435	ug/L		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	21645	4.351	ug/L		97
44) trans-1,3-Dichloropropene	7.69	75	7655	4.212	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	5146	4.371	ug/L		93
46) Tetrachloroethene	8.02	164	5477	4.724	ug/L		87
48) 2-Hexanone	8.19	43	8414	7.940	ug/L		96
49) Dibromochloromethane	8.29	129	6662	4.361	ug/L		96
50) 1,2-Dibromoethane	8.40	107	5789	4.447	ug/L		92
51) Chlorobenzene	8.92	112	14680	4.377	ug/L		96
52) Ethylbenzene	9.05	91	24162	4.329	ug/L		97
53) m,p-Xylene	9.18	106	9200	4.272	ug/L		91
54) o-Xylene	9.59	106	9220	4.315	ug/L		97
55) Styrene	9.60	104	14790	4.109	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.28	83	7521	4.155	ug/L		95
59) Bromoform	9.77	173	5113	4.395	ug/L		99
60) Isopropylbenzene	9.97	105	23450	4.319	ug/L		97
61) 1,2,3-Trichloropropane	10.32	75	6089	4.521	ug/L		91
62) 1,3,5-Trimethylbenzene	10.58	105	21209	4.559	ug/L		98
63) 1,2,4-Trimethylbenzene	10.96	105	20359	4.356	ug/L		98
64) 1,3-Dichlorobenzene	11.22	146	12657	4.620	ug/L		98
65) 1,4-Dichlorobenzene	11.32	146	12875	4.650	ug/L		96
67) 1,2-Dichlorobenzene	11.69	146	12387	4.432	ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.47	75	1985	4.472	ug/L		83
69) 1,3,5-Trichlorobenzene	12.69	180	9226	4.155	ug/L		98
70) 1,2,4-trichlorobenzene	13.31	180	7820	4.061	ug/L		95
71) Naphthalene	13.55	128	17245	3.534	ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.79	180	7564	3.904	ug/L		98

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

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