

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080619\
 Data File : VV012110.D
 Acq On : 06 Aug 2019 11:34
 Operator : SY/MD
 Sample : VSTD20067
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200671

Quant Time: Aug 06 17:56:23 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	283045	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	263297	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	149635	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	317596	205.27	ug/L	0.00
7) Chloroethane-d5	1.55	69	205551	187.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	527272	196.57	ug/L	0.00
21) 2-Butanone-d5	3.92	46	477859	423.89	ug/L	0.00
24) Chloroform-d	4.40	84	761008	196.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	486677	195.15	ug/L	0.00
32) Benzene-d6	5.10	84	1462503	193.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	425682	193.94	ug/L	0.00
41) Toluene-d8	7.36	98	1429638	195.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	259112	207.64	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	400170	439.01	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	624512	201.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	663900	188.65	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	422751	211.463	ug/L	97
3) Chloromethane	1.25	50	283508	199.717	ug/L	97
5) Vinyl chloride	1.32	62	306871	223.961	ug/L	100
6) Bromomethane	1.51	94	167500	210.564	ug/L	98
8) Chloroethane	1.57	64	145709	203.050	ug/L	98
9) Trichlorofluoromethane	1.75	101	485551	217.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	234710	214.917	ug/L	100
12) 1,1-Dichloroethene	2.13	96	220926	214.833	ug/L	91
13) Acetone	2.19	43	296157	385.300	ug/L	99
14) Carbon disulfide	2.31	76	757729	218.042	ug/L	100
15) Methyl Acetate	2.45	43	296282	220.302	ug/L	99
16) Methylene chloride	2.53	84	329857	211.407	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	318309	219.208	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	1098171	220.093	ug/L	100
19) 1,1-Dichloroethane	3.22	63	572259	216.105	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	372416	217.742	ug/L	95
22) 2-Butanone	4.01	43	454748	459.068	ug/L	100
23) Bromochloromethane	4.29	128	202778	215.608	ug/L	99
25) Chloroform	4.42	83	649365	216.337	ug/L	99
27) 1,2-Dichloroethane	5.17	62	512177	219.542	ug/L	98
29) Cyclohexane	4.72	56	475977	216.189	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	612660	219.049	ug/L	99
31) Carbon tetrachloride	4.87	117	571540	220.271	ug/L	98
33) Benzene	5.14	78	1304521	215.234	ug/L	100
34) Trichloroethene	5.96	95	366125	217.333	ug/L	99
35) Methylcyclohexane	6.17	83	544838	217.291	ug/L	99
37) 1,2-Dichloropropane	6.22	63	321680	217.596	ug/L	99
38) Bromodichloromethane	6.55	83	505750	217.465	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	586559	225.047	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	857784	450.828	ug/L	100

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42) Toluene	7.43	91	1459917	216.777	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	555750	225.881	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	347191	217.868	ug/L	97
46) Tetrachloroethene	8.02	164	335769	213.920	ug/L	99
48) 2-Hexanone	8.18	43	669224	466.533	ug/L	99
49) Dibromochloromethane	8.29	129	464066	224.410	ug/L	99
50) 1,2-Dibromoethane	8.40	107	387474	219.856	ug/L	98
51) Chlorobenzene	8.92	112	988304	217.660	ug/L	100
52) Ethylbenzene	9.05	91	1660791	219.781	ug/L	99
53) m,p-Xylene	9.18	106	646016	221.612	ug/L	95
54) o-Xylene	9.59	106	632451	218.640	ug/L	100
55) Styrene	9.60	104	1096205	224.959	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.29	83	558087	227.733	ug/L	100
59) Bromoform	9.77	173	384445	219.030	ug/L	100
60) Isopropylbenzene	9.97	105	1714369	209.288	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	427725	210.505	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	1490132	212.311	ug/L	100
63) 1,2,4-Trimethylbenzene	10.96	105	1499933	212.693	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	878577	212.572	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	894656	214.150	ug/L	100
67) 1,2-Dichlorobenzene	11.69	146	905521	214.730	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.47	75	151248	225.861	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	754072	225.066	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	692342	238.325	ug/L	100
71) Naphthalene	13.55	128	1873501	254.455	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	694170	237.451	ug/L	99

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

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