

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016433.D
 Acq On : 02 Jun 2020 17:25
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Quant Time: Jun 03 00:19:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384533	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	559463	200.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	366620	153.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	992579	191.80	ug/L	0.00
21) 2-Butanone-d5	3.91	46	780417	469.27	ug/L	0.00
24) Chloroform-d	4.38	84	1067375	200.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	703462	194.58	ug/L	0.00
32) Benzene-d6	5.08	84	2062174	203.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	642766	200.96	ug/L	0.00
41) Toluene-d8	7.34	98	1898805	202.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	338924	214.06	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	610169	562.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	861093	211.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	743313	195.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	636122	213.295	ug/L	100
3) Chloromethane	1.25	50	601641	195.861	ug/L	100
5) Vinyl chloride	1.32	62	594670	200.288	ug/L	99
6) Bromomethane	1.53	94	323720	185.346	ug/L	98
8) Chloroethane	1.60	64	299185	157.061	ug/L	97
9) Trichlorofluoromethane	1.77	101	864567	214.670	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	449522	187.400	ug/L	100
12) 1,1-Dichloroethene	2.13	96	433514	194.212	ug/L	92
13) Acetone	2.19	43	567208	352.332	ug/L	98
14) Carbon disulfide	2.31	76	1578590	239.993	ug/L	99
15) Methyl Acetate	2.45	43	630274	230.681	ug/L	99
16) Methylene chloride	2.52	84	572596	198.645	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	553410	220.525	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	1756646	208.992	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1011799	201.349	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	598778	216.796	ug/L	100
22) 2-Butanone	3.99	43	863142	473.572	ug/L	96
23) Bromochloromethane	4.28	128	308715	212.945	ug/L	96
25) Chloroform	4.40	83	1042564	198.644	ug/L	100
27) 1,2-Dichloroethane	5.16	62	861408	204.034	ug/L	98
29) Cyclohexane	4.71	56	933487	222.053	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	944694	206.918	ug/L	99
31) Carbon tetrachloride	4.86	117	819917	212.834	ug/L	99
33) Benzene	5.13	78	2227496	212.696	ug/L	100
34) Trichloroethene	5.94	95	587333	217.445	ug/L	96
35) Methylcyclohexane	6.16	83	884705	212.810	ug/L	100
37) 1,2-Dichloropropane	6.20	63	585551	208.982	ug/L	99
38) Bromodichloromethane	6.53	83	784623	209.657	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	966157	229.214	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1713471	482.034	ug/L	98

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42) Toluene	7.41	91	2370695	211.623	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	934360	223.313	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	552393	211.752	ug/L	98
46) Tetrachloroethene	8.00	164	466614	224.121	ug/L	98
48) 2-Hexanone	8.16	43	1293186	480.243	ug/L	99
49) Dibromochloromethane	8.27	129	612160	226.029	ug/L	100
50) 1,2-Dibromoethane	8.37	107	606100	223.683	ug/L	99
51) Chlorobenzene	8.90	112	1541822	211.380	ug/L	100
52) Ethylbenzene	9.04	91	2669890	212.440	ug/L	100
53) m,p-Xylene	9.16	106	1000478	213.293	ug/L	98
54) o-xylene	9.57	106	970126	212.364	ug/L	100
55) Styrene	9.58	104	1707371	217.667	ug/L	99
56) Isopropylbenzene	9.95	105	2531376	209.925	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	891482	218.186	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	716905	214.493	ug/L	98
61) Bromoform	9.75	173	408554	231.577	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1224498	206.425	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	1247679	205.376	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1224276	204.054	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	203226	221.468	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	852335	209.540	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	804290	220.247	ug/L	99
69) Naphthalene	13.52	128	2488436	234.382	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	747465	204.869	ug/L	100

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

