

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016652.D
 Acq On : 08 Jun 2020 11:50
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Jun 09 00:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 00:27:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392531	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364567	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	561189	199.19	ug/L	0.00
7) Chloroethane-d5	1.56	69	278646	141.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	933657	188.69	ug/L	0.00
21) 2-Butanone-d5	3.89	46	887126	471.63	ug/L	0.00
24) Chloroform-d	4.37	84	1150821	213.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	781919	216.61	ug/L	0.00
32) Benzene-d6	5.07	84	2172790	216.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	675631	215.43	ug/L	0.00
41) Toluene-d8	7.34	98	1998157	218.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	380416	247.82	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	678509	498.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	900856	212.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	834459	217.35	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	591002	177.914	ug/L	99
3) Chloromethane	1.25	50	533364	169.592	ug/L	99
5) Vinyl chloride	1.32	62	550220	178.753	ug/L	98
6) Bromomethane	1.52	94	212924	140.514	ug/L	100
8) Chloroethane	1.58	64	222667	132.514	ug/L	98
9) Trichlorofluoromethane	1.75	101	809462	181.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	402365	174.976	ug/L	98
12) 1,1-Dichloroethene	2.13	96	373603	170.308	ug/L	93
13) Acetone	2.18	43	528831	320.662	ug/L	100
14) Carbon disulfide	2.30	76	1434345	187.202	ug/L	100
15) Methyl Acetate	2.44	43	605060	192.836	ug/L	99
16) Methylene chloride	2.52	84	537164	171.265	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	507864	181.089	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	1737910	196.606	ug/L	100
19) 1,1-Dichloroethane	3.21	63	967660	185.040	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	570701	187.780	ug/L	99
22) 2-Butanone	3.98	43	875866	409.673	ug/L	98
23) Bromochloromethane	4.27	128	294353	187.735	ug/L	97
25) Chloroform	4.40	83	1009198	185.045	ug/L	98
27) 1,2-Dichloroethane	5.15	62	847592	190.121	ug/L	99
29) Cyclohexane	4.70	56	889223	198.182	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	936539	203.295	ug/L	99
31) Carbon tetrachloride	4.85	117	828717	207.912	ug/L	98
33) Benzene	5.12	78	2099157	190.587	ug/L	100
34) Trichloroethene	5.94	95	561962	193.530	ug/L	99
35) Methylcyclohexane	6.15	83	906273	214.198	ug/L	98
37) 1,2-Dichloropropane	6.20	63	556804	193.979	ug/L	100
38) Bromodichloromethane	6.53	83	770079	206.811	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	945506	223.287	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	1671501	417.424	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2248775	192.984	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	920586	220.785	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	525642	189.570	ug/L	99
46) Tetrachloroethene	8.00	164	446729	198.882	ug/L	99
48) 2-Hexanone	8.16	43	1293586	416.007	ug/L	99
49) Dibromochloromethane	8.27	129	616244	223.255	ug/L	100
50) 1,2-Dibromoethane	8.37	107	568638	194.091	ug/L	100
51) Chlorobenzene	8.90	112	1442502	188.407	ug/L	100
52) Ethylbenzene	9.03	91	2523144	197.463	ug/L	99
53) m,p-Xylene	9.16	106	940808	195.669	ug/L	100
54) o-xylene	9.57	106	908344	195.164	ug/L	99
55) Styrene	9.58	104	1591348	196.422	ug/L	100
56) Isopropylbenzene	9.95	105	2470128	202.337	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	829877	187.506	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	686992	190.849	ug/L	99
61) Bromoform	9.75	173	446753	250.057	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1185019	188.639	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1201560	185.103	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	1200382	189.333	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	216347	221.471	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	924577	214.537	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	889333	222.191	ug/L	99
69) Naphthalene	13.53	128	2600652	212.776	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	844927	219.987	ug/L	99

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

