

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012160.D
 Acq On : 09 Aug 2019 18:44
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Aug 10 04:52:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	304979	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	292177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	164507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230644	85.29	ug/L	0.00
7) Chloroethane-d5	1.56	69	142498	49.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	419663	53.79	ug/L	0.00
21) 2-Butanone-d5	3.92	46	239789	195.93	ug/L	0.00
24) Chloroform-d	4.40	84	450789	114.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	259262	100.18	ug/L	0.00
32) Benzene-d6	5.10	84	884516	121.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	240226	109.10	ug/L	0.00
41) Toluene-d8	7.36	98	844824	118.73	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	134299	130.10	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	205129	228.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	335855	94.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	369916	106.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	524059	195.010	ug/L	100
3) Chloromethane	1.25	50	383342	142.481	ug/L	99
5) Vinyl chloride	1.32	62	358866	101.422	ug/L	99
6) Bromomethane	1.51	94	200541	68.470	ug/L	97
8) Chloroethane	1.58	64	180004	66.566	ug/L	100
9) Trichlorofluoromethane	1.76	101	589444	78.997	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	263793	65.029	ug/L	98
12) 1,1-Dichloroethene	2.13	96	250736	69.631	ug/L	99
13) Acetone	2.18	43	287104	183.322	ug/L	96
14) Carbon disulfide	2.31	76	924422	171.861	ug/L	99
15) Methyl Acetate	2.45	43	349547	167.882	ug/L	99
16) Methylene chloride	2.53	84	391891	171.065	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	375980	175.914	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	1228367	189.467	ug/L	100
19) 1,1-Dichloroethane	3.23	63	648353	168.138	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	432640	181.399	ug/L	96
22) 2-Butanone	4.00	43	515644	328.767	ug/L	96
23) Bromochloromethane	4.29	128	237965	195.718	ug/L	98
25) Chloroform	4.42	83	730912	173.342	ug/L	100
27) 1,2-Dichloroethane	5.18	62	570353	166.221	ug/L	100
29) Cyclohexane	4.72	56	566632	178.830	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	695318	209.118	ug/L	99
31) Carbon tetrachloride	4.87	117	653331	223.504	ug/L	99
33) Benzene	5.14	78	1503193	177.045	ug/L	100
34) Trichloroethene	5.96	95	413450	192.656	ug/L	98
35) Methylcyclohexane	6.17	83	649348	183.932	ug/L	99
37) 1,2-Dichloropropane	6.22	63	360468	166.597	ug/L	99
38) Bromodichloromethane	6.55	83	572260	203.345	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	664311	209.216	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	987308	339.497	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1686374	174.772	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	612018	206.373	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	402389	186.887	ug/L	99
46) Tetrachloroethene	8.02	164	393564	217.603	ug/L	98
48) 2-Hexanone	8.18	43	761714	350.468	ug/L	100
49) Dibromochloromethane	8.29	129	527679	223.683	ug/L	99
50) 1,2-Dibromoethane	8.40	107	450360	196.002	ug/L	99
51) Chlorobenzene	8.92	112	1151662	178.621	ug/L	98
52) Ethylbenzene	9.05	91	1939772	178.067	ug/L	100
53) m,p-Xylene	9.18	106	767311	180.391	ug/L	98
54) o-xylene	9.59	106	755984	174.945	ug/L	100
55) Styrene	9.60	104	1284581	178.973	ug/L	100
56) Isopropylbenzene	9.97	105	2011597	181.303	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	642078	168.371	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	498808	171.177	ug/L	99
61) Bromoform	9.77	173	432459	220.701	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	1026227	180.988	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	1024715	174.548	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1054400	177.380	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	168622	215.077	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	856222	217.986	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	759848	238.649	ug/L	98
69) Naphthalene	13.55	128	2213134	260.803	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	764643	237.134	ug/L	99

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

