

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012319.D
 Acq On : 21 Aug 2019 17:29
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Aug 22 02:25:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 02:21:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225802	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	124389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219857	155.24	ug/L	0.00
7) Chloroethane-d5	1.56	69	154894	128.30	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.12	63	429057	161.29	ug/L	0.00
21) 2-Butanone-d5	3.92	46	375443	305.06	ug/L	0.00
24) Chloroform-d	4.40	84	633798	190.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	431659	199.87	ug/L	0.00
32) Benzene-d6	5.10	84	1144903	171.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	311075	154.28	ug/L	0.00
41) Toluene-d8	7.36	98	1142588	186.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	207279	195.49	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	299229	339.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	463300	156.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	537121	181.26	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	398242	205.796	ug/L	99
3) Chloromethane	1.25	50	228674	136.965	ug/L	100
5) Vinyl chloride	1.32	62	237481	140.235	ug/L	100
6) Bromomethane	1.51	94	138278	151.513	ug/L	94
8) Chloroethane	1.58	64	123973	130.965	ug/L	100
9) Trichlorofluoromethane	1.76	101	458241	193.604	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	206612	160.460	ug/L	99
12) 1,1-Dichloroethene	2.13	96	193060	158.463	ug/L	97
13) Acetone	2.18	43	267270	279.014	ug/L	98
14) Carbon disulfide	2.31	76	712390	176.287	ug/L	99
15) Methyl Acetate	2.45	43	250627	157.846	ug/L	99
16) Methylene chloride	2.53	84	290367	186.825	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	288840	193.396	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	989054	216.593	ug/L	99
19) 1,1-Dichloroethane	3.23	63	486705	183.007	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	328991	198.792	ug/L	95
22) 2-Butanone	4.00	43	393006	321.986	ug/L	98
23) Bromochloromethane	4.29	128	182047	208.239	ug/L	97
25) Chloroform	4.42	83	587215	204.025	ug/L	99
27) 1,2-Dichloroethane	5.18	62	494034	226.001	ug/L	99
29) Cyclohexane	4.72	56	404316	171.381	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	581814	230.100	ug/L	99
31) Carbon tetrachloride	4.87	117	553233	242.753	ug/L	99
33) Benzene	5.14	78	1117039	185.782	ug/L	100
34) Trichloroethene	5.96	95	325056	200.157	ug/L	97
35) Methylcyclohexane	6.18	83	497713	194.658	ug/L	97
37) 1,2-Dichloropropane	6.22	63	258119	171.408	ug/L	100
38) Bromodichloromethane	6.55	83	460819	218.618	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	517090	212.354	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	730286	351.564	ug/L	100

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42) Toluene	7.43	91	1282474	198.499	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	486554	217.133	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	298038	196.555	ug/L	96
46) Tetrachloroethene	8.02	164	316668	224.435	ug/L	98
48) 2-Hexanone	8.18	43	557235	329.736	ug/L	98
49) Dibromochloromethane	8.29	129	418677	236.575	ug/L	99
50) 1,2-Dibromoethane	8.40	107	339212	206.966	ug/L	100
51) Chlorobenzene	8.92	112	889546	205.047	ug/L	98
52) Ethylbenzene	9.05	91	1495944	208.542	ug/L	99
53) m,p-Xylene	9.18	106	580151	210.534	ug/L	98
54) o-xylene	9.59	106	571468	213.378	ug/L	98
55) Styrene	9.60	104	981179	214.283	ug/L	98
56) Isopropylbenzene	9.97	105	1560839	219.809	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	451536	184.076	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	369441	190.845	ug/L	100
61) Bromoform	9.77	173	340584	230.561	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	796358	200.792	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	794073	196.254	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	798988	200.173	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	130572	213.398	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	672877	221.663	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	585535	234.095	ug/L	99
69) Naphthalene	13.55	128	1642868	232.485	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	581197	221.405	ug/L	100

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

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