

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012728.D
 Acq On : 13 Sep 2019 10:24
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Quant Time: Sep 13 18:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	844186	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	812436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	406958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	487899	101.98	ug/L	0.00
7) Chloroethane-d5	1.57	69	431188	100.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	929145	99.84	ug/L	0.00
21) 2-Butanone-d5	3.92	46	1042006	210.01	ug/L	0.00
24) Chloroform-d	4.40	84	1191869	100.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	724287	100.72	ug/L	0.00
32) Benzene-d6	5.10	84	2263179	104.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	781550	102.17	ug/L	0.00
41) Toluene-d8	7.36	98	2126541	107.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	346555	108.73	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	713919	243.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	1047787	107.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	937341	100.92	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	527506	93.334	ug/L	100
3) Chloromethane	1.25	50	548377	92.986	ug/L	99
5) Vinyl chloride	1.32	62	560319	95.024	ug/L	100
6) Bromomethane	1.52	94	327216	98.662	ug/L	99
8) Chloroethane	1.59	64	354720	96.302	ug/L	99
9) Trichlorofluoromethane	1.77	101	777739	93.996	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	470157	92.045	ug/L	99
12) 1,1-Dichloroethene	2.14	96	424884	95.482	ug/L	91
13) Acetone	2.18	43	763361	186.392	ug/L	99
14) Carbon disulfide	2.32	76	932667	96.044	ug/L	100
15) Methyl Acetate	2.45	43	633022	97.374	ug/L	99
16) Methylene chloride	2.53	84	547189	93.718	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	467958	96.207	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	1666787	99.345	ug/L	99
19) 1,1-Dichloroethane	3.23	63	1008832	95.951	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	593714	98.652	ug/L	98
22) 2-Butanone	4.00	43	1045968	205.560	ug/L	99
23) Bromochloromethane	4.30	128	293128	95.870	ug/L	97
25) Chloroform	4.42	83	1052721	95.307	ug/L	100
27) 1,2-Dichloroethane	5.18	62	791495	95.742	ug/L	98
29) Cyclohexane	4.72	56	794792	103.050	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	822716	96.845	ug/L	99
31) Carbon tetrachloride	4.87	117	707198	96.683	ug/L	100
33) Benzene	5.14	78	2188367	99.027	ug/L	100
34) Trichloroethene	5.96	95	600166	93.427	ug/L	98
35) Methylcyclohexane	6.18	83	819893	101.176	ug/L	100
37) 1,2-Dichloropropane	6.22	63	612482	96.375	ug/L	100
38) Bromodichloromethane	6.55	83	795039	97.187	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	915944	102.942	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1837963	208.971	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2329148	101.492	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	815466	103.953	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	601728	97.044	ug/L	99
46) Tetrachloroethene	8.02	164	426787	95.781	ug/L	99
48) 2-Hexanone	8.18	43	1504574	208.055	ug/L	99
49) Dibromochloromethane	8.29	129	659634	101.532	ug/L	98
50) 1,2-Dibromoethane	8.39	107	591953	99.098	ug/L	99
51) Chlorobenzene	8.92	112	1537337	97.774	ug/L	99
52) Ethylbenzene	9.05	91	2609575	103.435	ug/L	98
53) m,p-Xylene	9.18	106	987548	106.288	ug/L	99
54) o-xylene	9.59	106	998535	105.864	ug/L	98
55) Styrene	9.60	104	1737777	108.622	ug/L	100
56) Isopropylbenzene	9.97	105	2630188	106.129	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	870609	102.829	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	791677	97.871	ug/L	100
61) Bromoform	9.77	173	477284	97.125	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1226586	97.581	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1230632	95.443	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1271932	96.237	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	180844	102.496	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	913023	98.319	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	811452	103.420	ug/L	99
69) Naphthalene	13.55	128	2607509	114.958	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	870670	102.223	ug/L	99

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

