

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
 Data File : VV013107.D
 Acq On : 11 Oct 2019 17:30
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Oct 12 00:35:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 00:32:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	759801	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	712090	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	319517	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48680	10.82	ug/L	0.00
7) Chloroethane-d5	1.58	69	41536	10.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	90256	10.45	ug/L	0.00
21) 2-Butanone-d5	3.94	46	68225	15.43	ug/L	0.02
24) Chloroform-d	4.40	84	92776	8.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	56748	8.77	ug/L	0.00
32) Benzene-d6	5.10	84	189843	9.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	58669	8.70	ug/L	0.00
41) Toluene-d8	7.36	98	163462	9.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24940	8.78	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	37802	14.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	73994	8.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	63176	8.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	54175	10.344 ug/L	98
3) Chloromethane	1.25	50	60906	10.853 ug/L	100
5) Vinyl chloride	1.33	62	58006	10.456 ug/L	99
6) Bromomethane	1.54	94	30499	10.303 ug/L	98
8) Chloroethane	1.60	64	35981	10.499 ug/L	99
9) Trichlorofluoromethane	1.77	101	76795	10.075 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46080	9.894 ug/L	99
12) 1,1-Dichloroethene	2.14	96	42641	10.260 ug/L	89
13) Acetone	2.20	43	61465	17.162 ug/L	98
14) Carbon disulfide	2.32	76	120891	12.431 ug/L	100
15) Methyl Acetate	2.46	43	54265	9.180 ug/L	99
16) Methylene chloride	2.54	84	51133	9.566 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	45999	10.083 ug/L	96
18) Methyl tert-butyl Ether	2.80	73	136735	8.972 ug/L	99
19) 1,1-Dichloroethane	3.23	63	86759	9.079 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	52090	9.433 ug/L	99
22) 2-Butanone	4.03	43	72005	15.911 ug/L	99
23) Bromochloromethane	4.30	128	26454	9.460 ug/L	99
25) Chloroform	4.43	83	87978	8.853 ug/L	98
27) 1,2-Dichloroethane	5.18	62	68059	9.083 ug/L	99
29) Cyclohexane	4.73	56	73458	10.229 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	71266	9.384 ug/L	99
31) Carbon tetrachloride	4.88	117	62064	9.424 ug/L	99
33) Benzene	5.15	78	195370	9.773 ug/L	100
34) Trichloroethene	5.96	95	53021	9.314 ug/L	97
35) Methylcyclohexane	6.18	83	74301	9.959 ug/L	98
37) 1,2-Dichloropropane	6.22	63	50994	9.043 ug/L	99
38) Bromodichloromethane	6.55	83	63938	8.844 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	66802	8.357 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	123235	15.981 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	195624	9.458	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	60785	8.674	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	47567	8.691	ug/L	98
46) Tetrachloroethene	8.02	164	40719	10.024	ug/L	94
48) 2-Hexanone	8.18	43	92901	15.082	ug/L	98
49) Dibromochloromethane	8.29	129	50344	8.744	ug/L	98
50) 1,2-Dibromoethane	8.40	107	48404	9.055	ug/L	99
51) Chlorobenzene	8.92	112	131260	9.352	ug/L	98
52) Ethylbenzene	9.05	91	201083	8.903	ug/L	99
53) m,p-Xylene	9.18	106	73339	8.770	ug/L	95
54) o-xylene	9.59	106	73665	8.722	ug/L	93
55) Styrene	9.60	104	116891	8.243	ug/L	96
56) Isopropylbenzene	9.97	105	190323	8.629	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	68133	8.996	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60919	8.571	ug/L	97
61) Bromoform	9.77	173	36044	9.139	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	93833	9.400	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	93312	9.134	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	97120	9.293	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	13696	9.498	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	63813	8.706	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	50025	8.035	ug/L	98
69) Naphthalene	13.55	128	119516	6.697	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	54937	8.193	ug/L	97

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

