

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012729.D
 Acq On : 13 Sep 2019 10:48
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Sep 13 18:27:27 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	822387	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	797283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	417281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	938271	201.31	ug/L	0.00
7) Chloroethane-d5	1.57	69	819358	196.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1770052	195.24	ug/L	0.00
21) 2-Butanone-d5	3.92	46	2121615	438.94	ug/L	0.00
24) Chloroform-d	4.40	84	2282481	197.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	1388303	198.17	ug/L	0.00
32) Benzene-d6	5.10	84	4322057	203.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	1526197	203.30	ug/L	0.00
41) Toluene-d8	7.36	98	4135325	212.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	706487	225.88	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	1580038	548.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	2143379	223.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1940320	203.74	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1042607	189.364	ug/L	100
3) Chloromethane	1.25	50	1078376	187.702	ug/L	99
5) Vinyl chloride	1.32	62	1110651	193.347	ug/L	99
6) Bromomethane	1.51	94	414111	128.172	ug/L	100
8) Chloroethane	1.59	64	686422	191.294	ug/L	100
9) Trichlorofluoromethane	1.76	101	1499717	186.057	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	913823	183.646	ug/L	99
12) 1,1-Dichloroethene	2.14	96	825861	190.511	ug/L	98
13) Acetone	2.18	43	1410067	353.426	ug/L	99
14) Carbon disulfide	2.31	76	1840017	194.502	ug/L	99
15) Methyl Acetate	2.45	43	1276060	201.492	ug/L	100
16) Methylene chloride	2.53	84	1070216	188.156	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	921970	194.571	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	3330521	203.770	ug/L	100
19) 1,1-Dichloroethane	3.23	63	1971770	192.509	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	1183436	201.852	ug/L	98
22) 2-Butanone	4.00	43	2063347	416.250	ug/L	100
23) Bromochloromethane	4.29	128	579705	194.623	ug/L	98
25) Chloroform	4.42	83	2024618	188.156	ug/L	99
27) 1,2-Dichloroethane	5.18	62	1542839	191.574	ug/L	98
29) Cyclohexane	4.72	56	1604233	211.953	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	1622632	194.635	ug/L	98
31) Carbon tetrachloride	4.87	117	1410944	196.559	ug/L	99
33) Benzene	5.14	78	4254939	196.202	ug/L	100
34) Trichloroethene	5.96	95	1172993	186.069	ug/L	99
35) Methylcyclohexane	6.18	83	1667730	209.712	ug/L	99
37) 1,2-Dichloropropane	6.22	63	1206795	193.501	ug/L	100
38) Bromodichloromethane	6.55	83	1593366	198.477	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	1929196	220.942	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	3786332	438.677	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	4578922	203.318	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	1709908	222.117	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	1186201	194.941	ug/L	100
46) Tetrachloroethene	8.02	164	859250	196.501	ug/L	99
48) 2-Hexanone	8.18	43	3021138	425.708	ug/L	98
49) Dibromochloromethane	8.29	129	1328389	208.354	ug/L	98
50) 1,2-Dibromoethane	8.39	107	1202477	205.131	ug/L	100
51) Chlorobenzene	8.92	112	3058442	198.213	ug/L	99
52) Ethylbenzene	9.05	91	5240410	211.660	ug/L	98
53) m,p-Xylene	9.18	106	1999254	219.265	ug/L	98
54) o-xylene	9.59	106	2036400	220.001	ug/L	100
55) Styrene	9.60	104	3556837	226.551	ug/L	99
56) Isopropylbenzene	9.97	105	5358402	220.323	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	1821953	219.283	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	1595205	200.955	ug/L	100
61) Bromoform	9.77	173	1021495	202.727	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	2558975	198.543	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	2572395	194.569	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	2637002	194.585	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	411071	227.217	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	2001530	210.204	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	1844871	229.312	ug/L	99
69) Naphthalene	13.55	128	5705942	245.335	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	1894178	216.889	ug/L	99

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

