

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007123.D
 Acq On : 22 Aug 2018 15:50
 Operator : SY/MD
 Sample : VSTD20077
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20077

Quant Time: Aug 23 07:41:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:39:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	620798	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	603713	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	338208	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	767735	167.01	ug/L	0.00
7) Chloroethane-d5	1.55	69	369908	102.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1353891	148.95	ug/L	0.00
21) 2-Butanone-d5	3.95	46	1377926	484.77	ug/L	0.00
24) Chloroform-d	4.40	84	1577615	179.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	965690	161.48	ug/L	0.00
32) Benzene-d6	5.10	84	3328357	196.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	1069913	199.64	ug/L	0.00
41) Toluene-d8	7.36	98	3061329	192.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	500991	194.39	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	1030843	463.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1591746	209.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	1298421	180.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1020314	186.96	ug/L	100
3) Chloromethane	1.25	50	1220118	239.72	ug/L	100
5) Vinyl chloride	1.32	62	1098734	214.55	ug/L	100
6) Bromomethane	1.51	94	249011	102.81	ug/L	98
8) Chloroethane	1.57	64	552435	179.02	ug/L	98
9) Trichlorofluoromethane	1.75	101	1279275	169.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	776630	186.48	ug/L	99
12) 1,1-Dichloroethene	2.13	96	756351	195.39	ug/L	94
13) Acetone	2.20	43	846890	263.33	ug/L	99
14) Carbon disulfide	2.31	76	2313077	253.85	ug/L	99
15) Methyl Acetate	2.46	43	870091	181.68	ug/L	100
16) Methylene chloride	2.53	84	846609	192.38	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	806217	213.03	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	2529634	194.67	ug/L	99
19) 1,1-Dichloroethane	3.22	63	1682973	216.56	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	1012866	228.05	ug/L	99
22) 2-Butanone	4.04	43	1598625	412.88	ug/L	100
23) Bromochloromethane	4.30	128	494744	223.31	ug/L	98
25) Chloroform	4.43	83	1661238	201.42	ug/L	98
27) 1,2-Dichloroethane	5.19	62	1265628	178.31	ug/L	99
29) Cyclohexane	4.72	56	1599386	247.55	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	1397603	194.87	ug/L	100
31) Carbon tetrachloride	4.87	117	1211918	197.77	ug/L	99
33) Benzene	5.15	78	3932064	226.76	ug/L	100
34) Trichloroethene	5.96	95	918711	207.87	ug/L	99
35) Methylcyclohexane	6.18	83	1679260	250.49	ug/L	96
37) 1,2-Dichloropropane	6.23	63	1025348	218.02	ug/L	98
38) Bromodichloromethane	6.56	83	1241766	207.91	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	1583734	237.71	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	2784946	409.68	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	4000530	217.28	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	1463206	227.53	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	948589	211.67	ug/L	99
46) Tetrachloroethene	8.02	164	769038	221.96	ug/L	98
48) 2-Hexanone	8.20	43	2273795	404.75	ug/L	99
49) Dibromochloromethane	8.30	129	1010527	219.97	ug/L	100
50) 1,2-Dibromoethane	8.40	107	974207	210.09	ug/L	99
51) Chlorobenzene	8.93	112	2552859	208.57	ug/L	99
52) Ethylbenzene	9.06	91	4368907	214.75	ug/L	98
53) m,p-Xylene	9.19	106	1697869	226.70	ug/L	100
54) o-xylene	9.59	106	1665879	221.64	ug/L	100
55) Styrene	9.61	104	2956957	228.16	ug/L	99
56) Isopropylbenzene	9.98	105	4299834	214.55	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	1707459	221.63	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	1337712	214.60	ug/L	99
61) Bromoform	9.78	173	794744	219.87	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	2076952	197.85	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	2172934	192.25	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	2219622	194.91	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	340374	190.03	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	1594254	212.24	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	1301989	215.67	ug/L	99
69) Naphthalene	13.56	128	3932283	212.43	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	1361237	210.67	ug/L	100

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

