

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007853.D
 Acq On : 25 Sep 2018 13:42
 Operator : SY/MD
 Sample : VSTD20068
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20068

Quant Time: Sep 26 04:28:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:25:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221360	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	265975	191.69	ug/L	0.00
7) Chloroethane-d5	1.57	69	219343	183.04	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.14	63	565576	191.29	ug/L	0.00
21) 2-Butanone-d5	3.95	46	445095	475.93	ug/L	0.00
24) Chloroform-d	4.41	84	604300	209.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	407619	198.32	ug/L	0.00
32) Benzene-d6	5.10	84	1188107	199.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	370589	198.89	ug/L	0.00
41) Toluene-d8	7.37	98	1225686	204.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	202755	228.57	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	371109	486.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	570027	207.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	578925	194.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	316334	201.505	ug/L	100
3) Chloromethane	1.26	50	292022	193.396	ug/L	100
5) Vinyl chloride	1.33	62	312329	192.712	ug/L	99
6) Bromomethane	1.52	94	169895	189.295	ug/L	99
8) Chloroethane	1.59	64	184629	182.639	ug/L	97
9) Trichlorofluoromethane	1.77	101	514920	189.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	287728	189.587	ug/L	99
12) 1,1-Dichloroethene	2.15	96	257969	189.623	ug/L	99
13) Acetone	2.19	43	400553	355.533	ug/L	100
14) Carbon disulfide	2.32	76	730542	205.593	ug/L	99
15) Methyl Acetate	2.46	43	322323	195.020	ug/L	100
16) Methylene chloride	2.54	84	283702	188.242	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	279875	192.614	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	884850	195.447	ug/L	100
19) 1,1-Dichloroethane	3.23	63	492949	197.691	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	319353	202.841	ug/L	98
22) 2-Butanone	4.04	43	518163	401.351	ug/L	100
23) Bromochloromethane	4.31	128	168064	205.173	ug/L	98
25) Chloroform	4.43	83	569957	192.584	ug/L	99
27) 1,2-Dichloroethane	5.19	62	462449	197.156	ug/L	100
29) Cyclohexane	4.73	56	481573	202.689	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	514702	204.546	ug/L	99
31) Carbon tetrachloride	4.88	117	472606	212.583	ug/L	100
33) Benzene	5.15	78	1191834	199.492	ug/L	100
34) Trichloroethene	5.96	95	328854	198.436	ug/L	99
35) Methylcyclohexane	6.18	83	545740	209.907	ug/L	98
37) 1,2-Dichloropropane	6.23	63	313742	196.919	ug/L	99
38) Bromodichloromethane	6.56	83	440893	218.645	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	538789	232.936	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	932632	414.223	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1374508	204.201	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	525550	228.604	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	322638	202.640	ug/L	99
46) Tetrachloroethene	8.02	164	314915	197.755	ug/L	99
48) 2-Hexanone	8.19	43	785250	441.272	ug/L	99
49) Dibromochloromethane	8.30	129	399695	229.586	ug/L	97
50) 1,2-Dibromoethane	8.40	107	355888	207.881	ug/L	99
51) Chlorobenzene	8.93	112	945227	202.879	ug/L	99
52) Ethylbenzene	9.06	91	1584920	208.448	ug/L	99
53) m,p-Xylene	9.19	106	613372	211.737	ug/L	98
54) o-xylene	9.59	106	606209	215.427	ug/L	99
55) Styrene	9.61	104	1067622	221.503	ug/L	97
56) Isopropylbenzene	9.98	105	1637070	213.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	541794	208.222	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	425620	200.669	ug/L	100
61) Bromoform	9.78	173	324162	229.637	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	844874	201.721	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	865527	194.465	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	852504	196.143	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	123830	217.753	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	724484	205.177	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	653891	219.485	ug/L	100
69) Naphthalene	13.56	128	1755883	240.933	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	644647	213.707	ug/L	100

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

