

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007293.D
 Acq On : 31 Aug 2018 11:21
 Operator : SY/MD
 Sample : VSTD20075
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20075

Quant Time: Aug 31 23:40:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	640874	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	624632	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	343305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	736251	169.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	430331	127.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1371573	178.54	ug/L	0.00
21) 2-Butanone-d5	3.96	46	1288013	390.46	ug/L	0.00
24) Chloroform-d	4.41	84	1556825	180.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	934427	179.29	ug/L	0.00
32) Benzene-d6	5.11	84	3294784	187.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	1046327	181.18	ug/L	0.00
41) Toluene-d8	7.37	98	3050834	197.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	517866	204.83	ug/L	0.00
47) 2-Hexanone-d5	8.15	63	1011619	542.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1470293	190.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	1269737	178.81	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	948724	186.34	ug/L	99
3) Chloromethane	1.26	50	1035590	172.99	ug/L	99
5) Vinyl chloride	1.32	62	1006221	188.31	ug/L	99
6) Bromomethane	1.53	94	466670	248.93	ug/L	100
8) Chloroethane	1.59	64	398944	132.30	ug/L	99
9) Trichlorofluoromethane	1.76	101	1237351	182.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	775198	187.45	ug/L	99
12) 1,1-Dichloroethene	2.14	96	737235	186.90	ug/L	97
13) Acetone	2.21	43	905801	357.67	ug/L	100
14) Carbon disulfide	2.32	76	2198935	182.70	ug/L	100
15) Methyl Acetate	2.47	43	821257	187.03	ug/L	99
16) Methylene chloride	2.54	84	818829	182.70	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	799224	187.48	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	2469999	193.28	ug/L	100
19) 1,1-Dichloroethane	3.23	63	1591290	183.83	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	986812	199.40	ug/L	97
22) 2-Butanone	4.04	43	1510569	391.69	ug/L	100
23) Bromochloromethane	4.30	128	478016	188.60	ug/L	96
25) Chloroform	4.44	83	1594918	188.00	ug/L	99
27) 1,2-Dichloroethane	5.19	62	1205868	192.06	ug/L	99
29) Cyclohexane	4.73	56	1503020	213.04	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	1359167	189.78	ug/L	99
31) Carbon tetrachloride	4.88	117	1186082	192.92	ug/L	100
33) Benzene	5.15	78	3764904	194.69	ug/L	100
34) Trichloroethene	5.96	95	917481	194.98	ug/L	99
35) Methylcyclohexane	6.18	83	1632573	218.19	ug/L	98
37) 1,2-Dichloropropane	6.23	63	979014	190.85	ug/L	99
38) Bromodichloromethane	6.56	83	1212099	192.87	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	1568065	217.28	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	2590629	430.85	ug/L	96

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42) Toluene	7.44	91	3873858	206.36	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	1455414	218.02	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	915101	192.13	ug/L	99
46) Tetrachloroethene	8.02	164	756657	194.80	ug/L	100
48) 2-Hexanone	8.20	43	2049411	428.04	ug/L	97
49) Dibromochloromethane	8.30	129	1004556	205.04	ug/L	99
50) 1,2-Dibromoethane	8.40	107	950141	198.30	ug/L	99
51) Chlorobenzene	8.93	112	2539728	200.10	ug/L	99
52) Ethylbenzene	9.06	91	4277743	219.07	ug/L	98
53) m,p-Xylene	9.19	106	1667812	225.36	ug/L	98
54) o-xylene	9.59	106	1650220	231.49	ug/L	98
55) Styrene	9.61	104	2907836	236.37	ug/L	99
56) Isopropylbenzene	9.98	105	4248793	233.52	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	1533032	195.97	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	1214135	194.32	ug/L	100
61) Bromoform	9.78	173	770520	186.43	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	2019683	194.33	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	2126958	189.16	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	2112810	188.81	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	331892	203.30	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	1623304	211.84	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1451519	248.94	ug/L	99
69) Naphthalene	13.56	128	4553526	277.82	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	1502965	238.17	ug/L	99

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

