

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016094.D
 Acq On : 18 May 2020 12:02
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: May 19 03:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 03:10:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351361	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	348805	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181164	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	504321	165.27	ug/L	0.00
7) Chloroethane-d5	1.58	69	438522	166.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	932746	169.69	ug/L	0.00
21) 2-Butanone-d5	3.92	46	653650	392.26	ug/L	0.00
24) Chloroform-d	4.38	84	979464	191.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	658261	200.42	ug/L	0.00
32) Benzene-d6	5.08	84	1916512	179.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	608332	191.69	ug/L	0.00
41) Toluene-d8	7.34	98	1822487	178.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	323689	185.58	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	451450	325.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	764338	172.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	705960	173.54	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	495547	162.209	ug/L	99
3) Chloromethane	1.25	50	513727	175.343	ug/L	99
5) Vinyl chloride	1.32	62	509537	167.648	ug/L	99
6) Bromomethane	1.53	94	312229	157.978	ug/L	98
8) Chloroethane	1.60	64	325641	154.939	ug/L	99
9) Trichlorofluoromethane	1.77	101	664474	121.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	410404	160.798	ug/L	99
12) 1,1-Dichloroethene	2.14	96	380124	158.744	ug/L	95
13) Acetone	2.21	43	542691	476.816	ug/L	100
14) Carbon disulfide	2.31	76	1148783	171.053	ug/L	100
15) Methyl Acetate	2.45	43	468732	197.024	ug/L	99
16) Methylene chloride	2.53	84	484594	185.159	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	432873	183.900	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	1525908	195.223	ug/L	99
19) 1,1-Dichloroethane	3.22	63	876623	200.345	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	493783	183.509	ug/L	98
22) 2-Butanone	4.01	43	704381	436.965	ug/L	98
23) Bromochloromethane	4.28	128	248491	182.966	ug/L	98
25) Chloroform	4.41	83	905105	190.286	ug/L	99
27) 1,2-Dichloroethane	5.16	62	745602	206.359	ug/L	99
29) Cyclohexane	4.71	56	798667	193.096	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	814226	183.824	ug/L	99
31) Carbon tetrachloride	4.86	117	698474	184.955	ug/L	99
33) Benzene	5.13	78	1890865	185.420	ug/L	100
34) Trichloroethene	5.94	95	487992	181.539	ug/L	99
35) Methylcyclohexane	6.16	83	798387	182.082	ug/L	98
37) 1,2-Dichloropropane	6.20	63	510417	200.606	ug/L	100
38) Bromodichloromethane	6.53	83	694004	189.779	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	855595	203.232	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	1345865	381.436	ug/L	99

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42) Toluene	7.41	91	2073637	183.867	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	839571	203.511	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	463570	177.356	ug/L	99
46) Tetrachloroethene	8.00	164	369990	190.394	ug/L	98
48) 2-Hexanone	8.16	43	1054272	396.008	ug/L	99
49) Dibromochloromethane	8.27	129	534945	186.852	ug/L	100
50) 1,2-Dibromoethane	8.37	107	484973	175.203	ug/L	98
51) Chlorobenzene	8.90	112	1326980	180.059	ug/L	99
52) Ethylbenzene	9.04	91	2384774	188.402	ug/L	100
53) m,p-Xylene	9.16	106	893298	184.433	ug/L	97
54) o-xylene	9.57	106	881075	182.161	ug/L	98
55) Styrene	9.58	104	1545933	190.312	ug/L	98
56) Isopropylbenzene	9.95	105	2363998	187.458	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	743455	177.477	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	599630	178.827	ug/L	99
61) Bromoform	9.75	173	365184	186.158	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1077995	180.804	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	1091624	179.717	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1074161	177.217	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	173092	149.394	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	787498	197.762	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	744843	204.852	ug/L	100
69) Naphthalene	13.53	128	2252642	168.199	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	725171	193.456	ug/L	99

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

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