

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018893.D
 Acq On : 14 Oct 2020 13:58
 Operator : SY/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05003

Quant Time: Oct 14 14:22:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 14:19:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141111	62.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	112276	60.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	268369	59.17	ug/L	0.00
21) 2-Butanone-d5	3.91	46	209936	125.51	ug/L	0.00
24) Chloroform-d	4.37	84	256987	54.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	172466	57.09	ug/L	0.00
32) Benzene-d6	5.07	84	510663	55.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	163609	57.98	ug/L	0.00
41) Toluene-d8	7.34	98	466807	54.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	82213	54.94	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	133743	124.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	197273	54.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	184705	50.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	145934	57.279	ug/L 100
3) Chloromethane	1.25	50	170329	61.201	ug/L 100
5) Vinyl chloride	1.32	62	162582	56.809	ug/L 100
6) Bromomethane	1.53	94	100520	52.688	ug/L 100
8) Chloroethane	1.60	64	98689	56.064	ug/L 100
9) Trichlorofluoromethane	1.76	101	208695	49.839	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111098	47.652	ug/L 100
12) 1,1-Dichloroethene	2.13	96	113611	50.150	ug/L 100
13) Acetone	2.19	43	145845	105.158	ug/L 100
14) Carbon disulfide	2.31	76	382866	51.911	ug/L 100
15) Methyl Acetate	2.45	43	157081	57.653	ug/L 100
16) Methylene chloride	2.52	84	136287	50.246	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	129076	50.147	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	411301	51.952	ug/L 100
19) 1,1-Dichloroethane	3.21	63	249641	54.284	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	137762	50.525	ug/L 100
22) 2-Butanone	3.99	43	216949	122.586	ug/L 100
23) Bromochloromethane	4.27	128	70125	47.298	ug/L 100
25) Chloroform	4.40	83	252365	52.418	ug/L 100
27) 1,2-Dichloroethane	5.15	62	207085	54.767	ug/L 100
29) Cyclohexane	4.70	56	208912	51.625	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	215047	49.162	ug/L 100
31) Carbon tetrachloride	4.85	117	182107	46.886	ug/L 100
33) Benzene	5.12	78	543530	51.805	ug/L 100
34) Trichloroethene	5.94	95	149495	49.417	ug/L 100
35) Methylcyclohexane	6.15	83	180839	45.463	ug/L 100
37) 1,2-Dichloropropane	6.20	63	147178	54.050	ug/L 100
38) Bromodichloromethane	6.53	83	184813	51.437	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	217404	51.901	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	423255	118.610	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	576769	51.174	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	221183	53.364	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	132376	50.040	ug/L	100
46) Tetrachloroethene	8.00	164	106974	44.760	ug/L	100
48) 2-Hexanone	8.16	43	334357	119.727	ug/L	100
49) Dibromochloromethane	8.27	129	143589	48.123	ug/L	100
50) 1,2-Dibromoethane	8.37	107	140105	50.144	ug/L	100
51) Chlorobenzene	8.90	112	362531	48.171	ug/L	100
52) Ethylbenzene	9.03	91	625762	50.018	ug/L	100
53) m,p-Xylene	9.16	106	230902	48.176	ug/L	100
54) o-xylene	9.56	106	224310	49.329	ug/L	100
55) Styrene	9.58	104	401110	50.557	ug/L	100
56) Isopropylbenzene	9.95	105	588638	48.475	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	187137	50.546	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	176125	53.516	ug/L	100
61) Bromoform	9.75	173	104158	48.527	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	287688	47.618	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	299524	47.931	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	290568	48.261	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	44311	53.323	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	195308	46.944	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	183858	47.662	ug/L	100
69) Naphthalene	13.52	128	556618	50.352	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	188816	48.520	ug/L	100

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

