

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112320\
 Data File : VV019421.D
 Acq On : 23 Nov 2020 14:07
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Nov 23 14:26:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399583	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	411888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	246616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	780103	258.99	ug/L	0.00
7) Chloroethane-d5	1.56	69	620982	253.72	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.12	63	1384926	223.46	ug/L	0.00
21) 2-Butanone-d5	3.89	46	1074047	691.48	ug/L	0.00
24) Chloroform-d	4.37	84	1257789	218.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	815788	205.30	ug/L	0.00
32) Benzene-d6	5.07	84	2460697	231.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	802951	272.32	ug/L	0.00
41) Toluene-d8	7.33	98	2273902	219.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	425133	225.93	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	844089	763.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	1142045	283.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	973395	206.63	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	614840	183.501	ug/L	99
3) Chloromethane	1.25	50	827783	276.493	ug/L	100
5) Vinyl chloride	1.32	62	802650	248.702	ug/L	100
6) Bromomethane	1.51	94	546923	237.009	ug/L	98
8) Chloroethane	1.58	64	506372	248.810	ug/L	100
9) Trichlorofluoromethane	1.76	101	1005859	173.741	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	539847	204.592	ug/L	99
12) 1,1-Dichloroethene	2.13	96	567080	210.562	ug/L	94
13) Acetone	2.17	43	684161	517.149	ug/L	98
14) Carbon disulfide	2.30	76	1665697	223.679	ug/L	100
15) Methyl Acetate	2.44	43	761231	340.830	ug/L	100
16) Methylene chloride	2.52	84	631809	233.623	ug/L	99
17) trans-1,2-Dichloroethene	2.77	96	578467	223.296	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	1937019	232.728	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1148215	255.622	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	654502	238.660	ug/L	99
22) 2-Butanone	3.97	43	1069916	705.264	ug/L	99
23) Bromochloromethane	4.27	128	330722	209.110	ug/L	100
25) Chloroform	4.40	83	1140021	218.208	ug/L	99
27) 1,2-Dichloroethane	5.15	62	919786	207.820	ug/L	99
29) Cyclohexane	4.70	56	976136	274.200	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	981178	181.345	ug/L	99
31) Carbon tetrachloride	4.85	117	845029	173.431	ug/L	99
33) Benzene	5.12	78	2461641	236.917	ug/L	100
34) Trichloroethene	5.93	95	639308	204.012	ug/L	99
35) Methylcyclohexane	6.15	83	891425	230.179	ug/L	97
37) 1,2-Dichloropropane	6.19	63	683269	270.571	ug/L	99
38) Bromodichloromethane	6.53	83	892236	217.360	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	1115048	257.545	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	2111308	662.602	ug/L	98

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42) Toluene	7.41	91	2647315	226.499	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1104902	239.594	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	634746	231.728	ug/L	99
46) Tetrachloroethene	7.99	164	475867	172.395	ug/L	97
48) 2-Hexanone	8.15	43	1656703	663.423	ug/L	98
49) Dibromochloromethane	8.26	129	722144	205.427	ug/L	98
50) 1,2-Dibromoethane	8.37	107	680593	227.103	ug/L	99
51) Chlorobenzene	8.90	112	1700185	211.522	ug/L	98
52) Ethylbenzene	9.03	91	2987804	228.577	ug/L	100
53) m,p-Xylene	9.16	106	1121108	221.493	ug/L	96
54) o-xylene	9.56	106	1118014	228.408	ug/L	97
55) Styrene	9.58	104	2007999	231.968	ug/L	98
56) Isopropylbenzene	9.95	105	2949584	224.424	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	1083671	289.524	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	900039	260.979	ug/L	99
61) Bromoform	9.75	173	572887	204.038	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1456580	210.217	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1479714	204.145	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1480304	211.149	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	290700	287.076	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	1103730	207.790	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	1058647	221.542	ug/L	100
69) Naphthalene	13.52	128	3097688	274.496	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1059822	220.417	ug/L	100

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

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