

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015108.D
 Acq On : 24 Mar 2020 00:47
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Mar 24 02:00:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	773828	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	730866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	350279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1342855	309.02	ug/L	0.00
7) Chloroethane-d5	1.58	69	1138604	328.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	2254902	306.14	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1912764	659.75	ug/L	0.00
24) Chloroform-d	4.38	84	2123972	220.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1379736	226.87	ug/L	0.00
32) Benzene-d6	5.08	84	4286539	234.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1403170	254.13	ug/L	0.00
41) Toluene-d8	7.34	98	3938849	217.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	756783	259.92	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1460573	564.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	2009651	247.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1470558	203.45	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1062742	165.723	ug/L	99
3) Chloromethane	1.25	50	1403223	276.503	ug/L	98
5) Vinyl chloride	1.32	62	1354127	275.585	ug/L	99
6) Bromomethane	1.53	94	862773	273.512	ug/L	100
8) Chloroethane	1.60	64	897219	307.627	ug/L	100
9) Trichlorofluoromethane	1.76	101	1750134	236.837	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	842958	236.467	ug/L	99
12) 1,1-Dichloroethene	2.13	96	901148	261.702	ug/L	92
13) Acetone	2.22	43	1141147	519.823	ug/L	99
14) Carbon disulfide	2.31	76	2426629	212.686	ug/L	99
15) Methyl Acetate	2.46	43	1302954	318.503	ug/L	99
16) Methylene chloride	2.52	84	1117350	218.354	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	935923	198.100	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	3634464	237.255	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1936031	229.458	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	1134753	212.135	ug/L	# 99
22) 2-Butanone	4.01	43	1891842	592.730	ug/L	98
23) Bromochloromethane	4.28	128	561902	196.929	ug/L	100
25) Chloroform	4.40	83	1916144	208.112	ug/L	99
27) 1,2-Dichloroethane	5.16	62	1554835	223.893	ug/L	99
29) Cyclohexane	4.70	56	1447532	212.553	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	1576623	199.747	ug/L	99
31) Carbon tetrachloride	4.86	117	1308109	186.348	ug/L	99
33) Benzene	5.13	78	4201592	227.456	ug/L	100
34) Trichloroethene	5.94	95	1014159	206.772	ug/L	99
35) Methylcyclohexane	6.15	83	1433097	185.617	ug/L	98
37) 1,2-Dichloropropane	6.20	63	1154254	250.313	ug/L	99
38) Bromodichloromethane	6.53	83	1553566	234.628	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	1912351	250.807	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	3849491	576.659	ug/L	99

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42) Toluene	7.41	91	4426405	214.940	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1758691	254.667	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	1094912	225.889	ug/L	99
46) Tetrachloroethene	8.00	164	697322	158.531	ug/L	99
48) 2-Hexanone	8.16	43	3088807	615.207	ug/L	99
49) Dibromochloromethane	8.27	129	1281182	227.654	ug/L	99
50) 1,2-Dibromoethane	8.37	107	1195895	222.314	ug/L	99
51) Chlorobenzene	8.90	112	2827650	198.055	ug/L	99
52) Ethylbenzene	9.03	91	4827709	207.080	ug/L	100
53) m,p-Xylene	9.16	106	1838644	203.672	ug/L	100
54) o-xylene	9.57	106	1877738	209.078	ug/L	99
55) Styrene	9.58	104	3359314	221.009	ug/L	96
56) Isopropylbenzene	9.95	105	4626744	199.611	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	1926352	241.082	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	1532336	241.260	ug/L	100
61) Bromoform	9.75	173	922982	252.378	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	2165469	204.703	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2175567	197.349	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2228822	197.001	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	501136	284.594	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	1512896	185.328	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	1481304	194.929	ug/L	100
69) Naphthalene	13.52	128	2899132	266.604	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1504268	201.705	ug/L	99

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

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