

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015216.D
 Acq On : 27 Mar 2020 20:25
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Mar 28 00:31:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 00:27:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	737637	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	724445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	346244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	537820	141.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	575121	149.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1448739	165.01	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1374056	349.70	ug/L	0.00
24) Chloroform-d	4.38	84	1466459	170.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	949222	166.86	ug/L	0.00
32) Benzene-d6	5.08	84	2378337	162.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	881284	166.13	ug/L	0.00
41) Toluene-d8	7.34	98	2136864	162.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	494343	172.22	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1074528	343.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1599281	176.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1113396	173.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1064455	166.676	ug/L	100
3) Chloromethane	1.25	50	1124280	161.808	ug/L	99
5) Vinyl chloride	1.32	62	1191006	166.710	ug/L	98
6) Bromomethane	1.53	94	783927	169.848	ug/L	100
8) Chloroethane	1.60	64	749755	161.255	ug/L	99
9) Trichlorofluoromethane	1.76	101	2130295	183.642	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1082128	179.855	ug/L	100
12) 1,1-Dichloroethene	2.13	96	1065091	180.608	ug/L	99
13) Acetone	2.22	43	793731	293.182	ug/L #	100
14) Carbon disulfide	2.31	76	2584277	172.378	ug/L	99
15) Methyl Acetate	2.46	43	914315	164.577	ug/L	98
16) Methylene chloride	2.52	84	963393	174.813	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	884364	173.063	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	2995365	173.515	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1635404	173.425	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	1010575	175.868	ug/L #	100
22) 2-Butanone	4.02	43	1318512	313.140	ug/L	82
23) Bromochloromethane	4.27	128	493805	178.831	ug/L	97
25) Chloroform	4.40	83	1714107	175.714	ug/L	98
27) 1,2-Dichloroethane	5.16	62	1345600	173.757	ug/L	99
29) Cyclohexane	4.70	56	1496730	170.797	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	1602299	176.244	ug/L	99
31) Carbon tetrachloride	4.86	117	1367756	178.759	ug/L	99
33) Benzene	5.13	78	3770204	176.157	ug/L	100
34) Trichloroethene	5.94	95	999770	179.499	ug/L	99
35) Methylcyclohexane	6.15	83	1591691	173.008	ug/L	98
37) 1,2-Dichloropropane	6.20	63	952124	174.330	ug/L	99
38) Bromodichloromethane	6.53	83	1382439	178.136	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	1648299	182.169	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	2727848	333.466	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	4229593	177.390	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	1602803	180.559	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	956509	177.841	ug/L	97
46) Tetrachloroethene	8.00	164	695444	186.212	ug/L	98
48) 2-Hexanone	8.16	43	2119437	329.341	ug/L	98
49) Dibromochloromethane	8.27	129	1100883	186.453	ug/L	98
50) 1,2-Dibromoethane	8.37	107	1057621	181.564	ug/L	98
51) Chlorobenzene	8.90	112	2741374	179.874	ug/L	98
52) Ethylbenzene	9.04	91	4800798	178.648	ug/L	99
53) m,p-Xylene	9.16	106	1865793	182.213	ug/L	100
54) o-xylene	9.57	106	1839817	178.613	ug/L	93
55) Styrene	9.58	104	3161890	181.722	ug/L	98
56) Isopropylbenzene	9.95	105	4776917	180.698	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	1571588	174.370	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	1245604	172.235	ug/L	99
61) Bromoform	9.75	173	744249	188.499	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	2095630	182.583	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	2111218	181.845	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	2099702	180.541	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	418244	162.608	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	1397556	190.267	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	1336014	191.155	ug/L	98
69) Naphthalene	13.53	128	5077264	181.873	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1343982	192.328	ug/L	99

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

