

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016432.D
 Acq On : 02 Jun 2020 17:03
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Jun 03 00:18:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 00:15:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	395778	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	383101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	196412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	285101	99.26	ug/L	0.00
7) Chloroethane-d5	1.58	69	203909	82.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	501883	94.22	ug/L	0.00
21) 2-Butanone-d5	3.92	46	382408	223.41	ug/L	0.00
24) Chloroform-d	4.38	84	536891	97.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	357176	95.99	ug/L	0.00
32) Benzene-d6	5.08	84	1042464	99.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	322162	97.00	ug/L	0.00
41) Toluene-d8	7.34	98	961700	98.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	165127	100.43	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	295891	262.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	435385	102.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	373404	96.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	317232	103.347	ug/L 100
3) Chloromethane	1.25	50	301308	95.302	ug/L 98
5) Vinyl chloride	1.32	62	297185	97.249	ug/L 98
6) Bromomethane	1.53	94	160469	89.266	ug/L 98
8) Chloroethane	1.60	64	164097	83.697	ug/L 97
9) Trichlorofluoromethane	1.77	101	422642	101.960	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	225307	91.259	ug/L 99
12) 1,1-Dichloroethene	2.14	96	215612	93.849	ug/L 94
13) Acetone	2.20	43	289555	174.752	ug/L 97
14) Carbon disulfide	2.31	76	769212	113.621	ug/L 99
15) Methyl Acetate	2.45	43	308936	109.858	ug/L 99
16) Methylene chloride	2.53	84	290159	97.802	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	272374	105.453	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	866823	100.198	ug/L 100
19) 1,1-Dichloroethane	3.21	63	499524	96.582	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	297720	104.731	ug/L 100
22) 2-Butanone	4.00	43	428072	228.193	ug/L 100
23) Bromochloromethane	4.28	128	154179	103.328	ug/L 99
25) Chloroform	4.41	83	525396	97.262	ug/L 98
27) 1,2-Dichloroethane	5.16	62	427885	98.470	ug/L 99
29) Cyclohexane	4.71	56	460302	105.445	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	464863	98.055	ug/L 98
31) Carbon tetrachloride	4.86	117	399925	99.974	ug/L 99
33) Benzene	5.13	78	1109710	102.044	ug/L 100
34) Trichloroethene	5.94	95	288103	102.719	ug/L 95
35) Methylcyclohexane	6.16	83	437532	101.354	ug/L 99
37) 1,2-Dichloropropane	6.20	63	289081	99.357	ug/L 99
38) Bromodichloromethane	6.53	83	382432	98.410	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	459727	105.034	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	840352	227.666	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1190248	102.320	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	451657	103.955	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	276168	101.950	ug/L	98
46) Tetrachloroethene	8.00	164	228641	105.758	ug/L	99
48) 2-Hexanone	8.16	43	633961	226.724	ug/L	99
49) Dibromochloromethane	8.27	129	289030	102.773	ug/L	100
50) 1,2-Dibromoethane	8.37	107	298157	105.966	ug/L	100
51) Chlorobenzene	8.90	112	765792	101.106	ug/L	99
52) Ethylbenzene	9.03	91	1325830	101.594	ug/L	99
53) m,p-Xylene	9.16	106	503800	103.434	ug/L	100
54) o-xylene	9.57	106	486464	102.551	ug/L	99
55) Styrene	9.58	104	857472	105.274	ug/L	100
56) Isopropylbenzene	9.95	105	1264972	101.024	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	442113	104.203	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	351113	101.166	ug/L	98
61) Bromoform	9.75	173	181154	101.421	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	603666	100.516	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	618172	100.506	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	603577	99.365	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	93906	101.079	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	404796	98.294	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	384236	103.927	ug/L	98
69) Naphthalene	13.52	128	1205691	112.168	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	362389	98.106	ug/L	100

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

