

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019847.D
 Acq On : 28 Dec 2020 12:44
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Dec 28 13:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	652852	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	633930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	339873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1010830	200.10	ug/L	0.00
7) Chloroethane-d5	1.57	69	782071	193.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	1880776	196.21	ug/L	0.00
21) 2-Butanone-d5	3.89	46	1503211	401.80	ug/L	0.00
24) Chloroform-d	4.35	84	1883028	196.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	1252336	200.90	ug/L	0.00
32) Benzene-d6	5.05	84	3652789	200.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	1182061	196.17	ug/L	0.00
41) Toluene-d8	7.32	98	3289414	203.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.62	79	638790	217.92	ug/L	0.00
47) 2-Hexanone-d5	8.09	63	1123705	468.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	1628172	210.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	1300240	200.01	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.13	85	1005974	198.130	ug/L	100
3) Chloromethane	1.24	50	1218638	195.452	ug/L	100
5) Vinyl chloride	1.31	62	1196509	196.647	ug/L	100
6) Bromomethane	1.52	94	716176	193.728	ug/L	97
8) Chloroethane	1.59	64	735379	193.870	ug/L	100
9) Trichlorofluoromethane	1.75	101	1421894	192.007	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	815966	196.534	ug/L	99
12) 1,1-Dichloroethene	2.12	96	829166	199.654	ug/L	89
13) Acetone	2.19	43	1040941	350.142	ug/L	100
14) Carbon disulfide	2.30	76	2745590	203.768	ug/L	99
15) Methyl Acetate	2.43	43	1156634	195.490	ug/L	100
16) Methylene chloride	2.51	84	1019515	194.443	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	943814	204.002	ug/L	97
18) Methyl tert-butyl Ether	2.77	73	3219161	206.621	ug/L	99
19) 1,1-Dichloroethane	3.19	63	1872934	199.770	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	1041276	206.157	ug/L	99
22) 2-Butanone	3.97	43	1647364	405.986	ug/L	98
23) Bromochloromethane	4.25	128	507497	202.640	ug/L	100
25) Chloroform	4.38	83	1842334	199.056	ug/L	98
27) 1,2-Dichloroethane	5.13	62	1526764	200.338	ug/L	99
29) Cyclohexane	4.68	56	1696881	211.466	ug/L	99
30) 1,1,1-Trichloroethane	4.61	97	1637416	202.187	ug/L	99
31) Carbon tetrachloride	4.83	117	1363467	205.208	ug/L	99
33) Benzene	5.10	78	3994881	200.445	ug/L	100
34) Trichloroethene	5.92	95	1043829	196.680	ug/L	99
35) Methylcyclohexane	6.14	83	1653762	210.704	ug/L	99
37) 1,2-Dichloropropane	6.18	63	1082515	202.722	ug/L	99
38) Bromodichloromethane	6.51	83	1435438	206.358	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	1760916	217.173	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	3243325	405.676	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	4166688	205.035	ug/L	98
44) trans-1,3-Dichloropropene	7.65	75	1747436	222.006	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	982202	199.971	ug/L	99
46) Tetrachloroethene	7.98	164	705579	199.674	ug/L	99
48) 2-Hexanone	8.14	43	2526585	409.548	ug/L	98
49) Dibromochloromethane	8.25	129	1078530	215.699	ug/L	99
50) 1,2-Dibromoethane	8.36	107	1050413	204.740	ug/L	99
51) Chlorobenzene	8.88	112	2649754	204.333	ug/L	98
52) Ethylbenzene	9.02	91	4749334	208.377	ug/L	99
53) m,p-Xylene	9.14	106	1767680	214.151	ug/L	97
54) o-xylene	9.55	106	1742355	216.381	ug/L	98
55) Styrene	9.57	104	3072141	220.388	ug/L	100
56) Isopropylbenzene	9.94	105	4621209	213.732	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	1639110	212.803	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	1355412	198.900	ug/L	99
61) Bromoform	9.74	173	750273	218.643	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	2091207	202.651	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	2129919	200.192	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	2112211	199.987	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.44	75	430888	218.240	ug/L	99
67) 1,3,5-Trichlorobenzene	12.65	180	1511751	203.152	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	1409431	215.299	ug/L	99
69) Naphthalene	13.51	128	4794566	238.073	ug/L	99
70) 1,2,3-Trichlorobenzene	13.75	180	1352908	211.935	ug/L	99

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

