

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019068.D
 Acq On : 22 Oct 2020 13:31
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Oct 22 13:52:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:09:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323028	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172129	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	561365	204.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	445364	205.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1078787	208.91	ug/L	0.00
21) 2-Butanone-d5	3.91	46	830093	440.66	ug/L	0.00
24) Chloroform-d	4.37	84	997186	203.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	679406	208.93	ug/L	0.00
32) Benzene-d6	5.07	84	1934476	204.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	628558	208.19	ug/L	0.00
41) Toluene-d8	7.34	98	1780999	210.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	341903	229.77	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	627067	541.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	824189	228.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	703862	197.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	483669	172.947	ug/L	98
3) Chloromethane	1.25	50	603481	189.634	ug/L	100
5) Vinyl chloride	1.32	62	601508	194.816	ug/L	100
6) Bromomethane	1.53	94	352185	189.309	ug/L	100
8) Chloroethane	1.60	64	373588	200.207	ug/L	99
9) Trichlorofluoromethane	1.76	101	802330	195.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	416087	194.752	ug/L	99
12) 1,1-Dichloroethene	2.13	96	428842	199.203	ug/L	86
13) Acetone	2.20	43	513831	377.564	ug/L	99
14) Carbon disulfide	2.31	76	1415922	194.176	ug/L	100
15) Methyl Acetate	2.45	43	572126	203.600	ug/L	100
16) Methylene chloride	2.52	84	488794	190.439	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	463049	196.267	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1560610	208.154	ug/L	100
19) 1,1-Dichloroethane	3.21	63	905324	195.739	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	505052	202.250	ug/L	100
22) 2-Butanone	4.00	43	798022	433.165	ug/L	98
23) Bromochloromethane	4.27	128	252057	194.932	ug/L	99
25) Chloroform	4.40	83	900498	194.743	ug/L	99
27) 1,2-Dichloroethane	5.15	62	768110	202.228	ug/L	100
29) Cyclohexane	4.70	56	818528	212.396	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	802039	201.146	ug/L	99
31) Carbon tetrachloride	4.86	117	692818	203.558	ug/L	100
33) Benzene	5.13	78	1972693	200.950	ug/L	100
34) Trichloroethene	5.94	95	495728	178.783	ug/L	99
35) Methylcyclohexane	6.15	83	719497	207.100	ug/L	98
37) 1,2-Dichloropropane	6.20	63	537576	204.947	ug/L	100
38) Bromodichloromethane	6.53	83	696225	206.633	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	878076	221.510	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1598257	441.542	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2087613	206.928	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	868749	226.659	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	472120	194.420	ug/L	99
46) Tetrachloroethene	8.00	164	377770	190.044	ug/L	99
48) 2-Hexanone	8.16	43	1242796	434.550	ug/L	99
49) Dibromochloromethane	8.27	129	546905	211.296	ug/L	98
50) 1,2-Dibromoethane	8.37	107	501875	198.530	ug/L	100
51) Chlorobenzene	8.90	112	1295123	196.963	ug/L	99
52) Ethylbenzene	9.03	91	2317155	212.018	ug/L	100
53) m,p-Xylene	9.16	106	850050	208.532	ug/L	98
54) o-xylene	9.56	106	832201	213.715	ug/L	100
55) Styrene	9.58	104	1497325	218.242	ug/L	99
56) Isopropylbenzene	9.95	105	2180303	212.989	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	777600	227.619	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	631821	199.289	ug/L	99
61) Bromoform	9.75	173	412137	216.664	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1040374	194.095	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1074469	191.137	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1040960	193.215	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	196943	236.606	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	727364	202.527	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	714034	215.036	ug/L	99
69) Naphthalene	13.52	128	2397363	249.381	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	693782	209.021	ug/L	100

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

