

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081120\
 Data File : VV017911.D
 Acq On : 11 Aug 2020 16:01
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Quant Time: Aug 11 19:47:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 19:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265547	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	9908	6.59	ug/L	0.00
7) Chloroethane-d5	1.58	69	8317	6.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	19637	5.75	ug/L	0.00
21) 2-Butanone-d5	3.93	46	11446	11.81	ug/L	0.02
24) Chloroform-d	4.38	84	17815	4.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	11369	4.42	ug/L	0.00
32) Benzene-d6	5.08	84	32804	5.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	10901	6.53	ug/L	0.00
41) Toluene-d8	7.34	98	28192	4.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	3978	4.07	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	4804	8.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	13344	5.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	11928	4.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11133	5.340	ug/L 100
3) Chloromethane	1.25	50	13158	8.509	ug/L 99
5) Vinyl chloride	1.32	62	12586	7.324	ug/L 92
6) Bromomethane	1.53	94	7550	6.674	ug/L 97
8) Chloroethane	1.59	64	8291	7.642	ug/L 99
9) Trichlorofluoromethane	1.76	101	18374	4.911	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	10402	6.002	ug/L 99
12) 1,1-Dichloroethene	2.13	96	9536	5.888	ug/L 97
13) Acetone	2.19	43	16178	13.430	ug/L 99
14) Carbon disulfide	2.31	76	24930	6.465	ug/L 100
15) Methyl Acetate	2.45	43	11689	8.106	ug/L 98
16) Methylene chloride	2.52	84	13300	7.551	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	9735	5.871	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	30537	5.414	ug/L 98
19) 1,1-Dichloroethane	3.21	63	19611	6.889	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	10192	5.698	ug/L 99
22) 2-Butanone	4.01	43	13449	12.010	ug/L 99
23) Bromochloromethane	4.28	128	5576	5.363	ug/L 92
25) Chloroform	4.40	83	20229	5.832	ug/L 99
27) 1,2-Dichloroethane	5.16	62	16307	5.310	ug/L 97
29) Cyclohexane	4.70	56	15429	6.851	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	16059	4.603	ug/L 99
31) Carbon tetrachloride	4.85	117	13683	4.454	ug/L 98
33) Benzene	5.13	78	40988	6.371	ug/L 100
34) Trichloroethene	5.94	95	11476	6.146	ug/L 97
35) Methylcyclohexane	6.15	83	15728	5.865	ug/L 97
37) 1,2-Dichloropropane	6.20	63	11683	7.797	ug/L 99
38) Bromodichloromethane	6.53	83	13492	5.505	ug/L 96
39) cis-1,3-Dichloropropene	7.05	75	13915	5.716	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	26049	13.194	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	41746	5.714	ug/L	95
44) trans-1,3-Dichloropropene	7.68	75	12287	4.944	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	10575	6.077	ug/L	98
46) Tetrachloroethene	8.00	164	8028	4.807	ug/L	97
48) 2-Hexanone	8.16	43	20356	12.351	ug/L	98
49) Dibromochloromethane	8.27	129	9096	4.874	ug/L	96
50) 1,2-Dibromoethane	8.38	107	10588	5.623	ug/L	98
51) Chlorobenzene	8.90	112	28171	5.682	ug/L	99
52) Ethylbenzene	9.03	91	43838	5.310	ug/L	96
53) m,p-Xylene	9.16	106	15746	4.940	ug/L	97
54) o-xylene	9.56	106	15914	5.084	ug/L	93
55) Styrene	9.58	104	24868	4.606	ug/L	99
56) Isopropylbenzene	9.95	105	39930	4.663	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	15257	6.280	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	13815	6.353	ug/L	99
61) Bromoform	9.76	173	4880	4.457	ug/L #	95
62) 1,3-Dichlorobenzene	11.20	146	20906	5.529	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	21838	5.669	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	21444	5.520	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	2491	4.696	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	15058	4.972	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	12096	4.555	ug/L	98
69) Naphthalene	13.53	128	28842	4.112	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	12822	4.750	ug/L	98

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

