

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\
 Data File : VX018510.D
 Acq On : 21 Sep 2020 12:47
 Operator : JC/SP
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050403

Quant Time: Sep 22 01:06:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 00:58:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	645914	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	612718	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	321758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220727	50.00	ug/L	0.00
7) Chloroethane-d5	1.70	69	164766	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	454871	50.00	ug/L	0.00
21) 2-Butanone-d5	4.53	46	303130	100.00	ug/L	0.00
24) Chloroform-d	5.14	84	433505	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	317646	50.00	ug/L	0.00
32) Benzene-d6	6.05	84	842051	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	259256	50.00	ug/L	0.00
41) Toluene-d8	8.70	98	807160	50.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	150899	50.00	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	228707	100.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	346247	50.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	319593	50.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	277663	50.000 ug/L	100
3) Chloromethane	1.31	50	209313	50.000 ug/L	100
5) Vinyl chloride	1.39	62	236999	50.000 ug/L	100
6) Bromomethane	1.64	94	123802	50.000 ug/L	100
8) Chloroethane	1.71	64	141387	50.000 ug/L	100
9) Trichlorofluoromethane	1.92	101	401890	50.000 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	219407	50.000 ug/L	100
12) 1,1-Dichloroethene	2.36	96	206882	50.000 ug/L	100
13) Acetone	2.42	43	207476	100.000 ug/L	100
14) Carbon disulfide	2.55	76	634521	50.000 ug/L	100
15) Methyl Acetate	2.75	43	226441	50.055 ug/L #	90
16) Methylene chloride	2.84	84	223286	50.000 ug/L	100
17) trans-1,2-Dichloroethene	3.14	96	215189	50.000 ug/L	100
18) Methyl tert-butyl Ether	3.17	73	713497	50.000 ug/L	100
19) 1,1-Dichloroethane	3.67	63	404305	50.000 ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	233028	50.000 ug/L	100
22) 2-Butanone	4.64	43	326777	100.000 ug/L	100
23) Bromochloromethane	4.98	128	131946	50.000 ug/L	100
25) Chloroform	5.18	83	454768	50.000 ug/L	100
27) 1,2-Dichloroethane	6.17	62	366337	50.000 ug/L	100
29) Cyclohexane	5.55	56	346251	50.000 ug/L	100
30) 1,1,1-Trichloroethane	5.46	97	416186	50.000 ug/L	100
31) Carbon tetrachloride	5.75	117	380885	50.000 ug/L	100
33) Benzene	6.12	78	884737	50.000 ug/L	100
34) Trichloroethene	7.19	95	241456	50.000 ug/L	100
35) Methylcyclohexane	7.44	83	362781	50.000 ug/L	100
37) 1,2-Dichloropropane	7.49	63	229023	50.000 ug/L	100
38) Bromodichloromethane	7.87	83	333013	50.000 ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	380084	50.000 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	637667	100.000 ug/L	100

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42) Toluene	8.77	91	971013	50.000	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	383297	50.000	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	229167	50.000	ug/L	100
46) Tetrachloroethene	9.32	164	200988	50.000	ug/L	100
48) 2-Hexanone	9.47	43	495769	100.000	ug/L	100
49) Dibromochloromethane	9.57	129	285323	50.000	ug/L	100
50) 1,2-Dibromoethane	9.65	107	248008	50.000	ug/L	100
51) Chlorobenzene	10.12	112	642564	50.000	ug/L	100
52) Ethylbenzene	10.24	91	1074371	50.000	ug/L	100
53) m,p-Xylene	10.34	106	419000	50.000	ug/L	100
54) o-Xylene	10.68	106	405738	50.000	ug/L	100
55) Styrene	10.70	104	692781	50.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	347178	50.000	ug/L	100
59) Bromoform	10.84	173	216681	50.000	ug/L	100
60) Isopropylbenzene	11.00	105	1067995	50.000	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	284889	50.000	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	885588	50.000	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	909479	50.000	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	509981	50.000	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	517161	50.000	ug/L	100
67) 1,2-Dichlorobenzene	12.38	146	494082	50.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	85112	50.000	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	328939	50.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	300279	50.000	ug/L	100
71) Naphthalene	13.82	128	1019585	50.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	319924	50.000	ug/L	100

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

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