

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018511.D
 Acq On : 29 Sep 2020 12:38
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Sep 30 01:18:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366546	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	355271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219308	73.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	178711	73.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	442548	80.76	ug/L	0.00
21) 2-Butanone-d5	3.91	46	350085	191.47	ug/L	0.00
24) Chloroform-d	4.38	84	478364	92.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	308458	92.84	ug/L	0.00
32) Benzene-d6	5.08	84	940848	92.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	287933	89.10	ug/L	0.00
41) Toluene-d8	7.34	98	900939	97.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	160928	98.00	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	250840	204.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	390391	96.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	399139	97.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	233919	87.518	ug/L 99
3) Chloromethane	1.25	50	251134	86.047	ug/L 99
5) Vinyl chloride	1.32	62	266515	89.050	ug/L 100
6) Bromomethane	1.53	94	185435	101.371	ug/L 97
8) Chloroethane	1.60	64	163532	87.226	ug/L 100
9) Trichlorofluoromethane	1.76	101	411810	100.007	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	226383	91.525	ug/L 100
12) 1,1-Dichloroethene	2.13	96	218513	90.793	ug/L 99
13) Acetone	2.20	43	259772	177.427	ug/L 99
14) Carbon disulfide	2.31	76	721170	97.926	ug/L 99
15) Methyl Acetate	2.45	43	257772	97.969	ug/L 99
16) Methylene chloride	2.52	84	260900	96.659	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	254195	102.485	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	793491	103.420	ug/L 100
19) 1,1-Dichloroethane	3.21	63	449479	95.847	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	277899	104.812	ug/L 97
22) 2-Butanone	4.00	43	369292	213.007	ug/L 96
23) Bromochloromethane	4.27	128	148581	107.106	ug/L 99
25) Chloroform	4.40	83	471820	98.978	ug/L 100
27) 1,2-Dichloroethane	5.15	62	375363	101.716	ug/L 100
29) Cyclohexane	4.70	56	410561	100.077	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	434494	105.382	ug/L 100
31) Carbon tetrachloride	4.86	117	391636	108.025	ug/L 100
33) Benzene	5.13	78	1028949	101.298	ug/L 100
34) Trichloroethene	5.94	95	285841	103.302	ug/L 99
35) Methylcyclohexane	6.15	83	413862	99.337	ug/L 100
37) 1,2-Dichloropropane	6.20	63	263154	97.767	ug/L 100
38) Bromodichloromethane	6.53	83	362223	103.411	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	443211	106.870	ug/L 98
40) 4-Methyl-2-pentanone	7.24	43	714172	218.708	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1131201	105.233	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	434579	107.624	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	260429	104.388	ug/L	98
46) Tetrachloroethene	8.00	164	242421	111.736	ug/L	100
48) 2-Hexanone	8.16	43	559821	217.458	ug/L	100
49) Dibromochloromethane	8.27	129	311053	111.075	ug/L	99
50) 1,2-Dibromoethane	8.37	107	283817	108.093	ug/L	98
51) Chlorobenzene	8.90	112	750613	107.521	ug/L	99
52) Ethylbenzene	9.03	91	1282753	109.302	ug/L	99
53) m,p-Xylene	9.16	106	490907	112.068	ug/L	100
54) o-xylene	9.56	106	472612	111.991	ug/L	98
55) Styrene	9.58	104	840573	114.598	ug/L	99
56) Isopropylbenzene	9.95	105	1265520	111.270	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	386667	104.776	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	326058	102.992	ug/L	99
61) Bromoform	9.75	173	239059	111.500	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	639769	107.804	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	652267	106.930	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	633558	105.619	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	92841	109.679	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	453610	96.956	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	437183	104.935	ug/L	100
69) Naphthalene	13.52	128	1348109	127.881	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	436198	106.300	ug/L	99

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

