

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082020\
 Data File : VV018066.D
 Acq On : 20 Aug 2020 12:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Aug 21 02:41:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 14:27:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274866	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107737	51.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.74%
7) Chloroethane-d5	1.58	69	90019	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.94%
11) 1,1-Dichloroethene-d2	2.12	63	204986	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
21) 2-Butanone-d5	3.91	46	129223	94.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	4.37	84	195434	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
26) 1,2-Dichloroethane-d4	5.05	65	125886	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
32) Benzene-d6	5.07	84	383875	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
36) 1,2-Dichloropropane-d6	6.09	67	122265	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.46%
41) Toluene-d8	7.33	98	354503	52.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.88%
43) trans-1,3-Dichloropropene-	7.64	79	60123	54.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.92%
47) 2-Hexanone-d5	8.11	63	74648	95.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.56%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	153516	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	145288	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96884	45.656	ug/L 100
3) Chloromethane	1.25	50	109110	44.263	ug/L 99
5) Vinyl chloride	1.32	62	113151	46.329	ug/L 99
6) Bromomethane	1.53	94	69126	47.356	ug/L 100
8) Chloroethane	1.60	64	74452	47.761	ug/L 100
9) Trichlorofluoromethane	1.77	101	165751	47.510	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96953	49.771	ug/L 98
12) 1,1-Dichloroethene	2.13	96	90632	49.155	ug/L 95
13) Acetone	2.19	43	152044	107.168	ug/L 99
14) Carbon disulfide	2.31	76	241440	47.577	ug/L 100
15) Methyl Acetate	2.45	43	103205	45.076	ug/L 100
16) Methylene chloride	2.52	84	108837	46.334	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	94597	49.911	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	311755	49.737	ug/L 100
19) 1,1-Dichloroethane	3.21	63	184970	48.536	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	105079	50.452	ug/L 99
22) 2-Butanone	3.99	43	166097	104.358	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54477	50.069	ug/L	98
25) Chloroform	4.40	83	192347	49.484	ug/L	99
27) 1,2-Dichloroethane	5.15	62	151857	49.082	ug/L	98
29) Cyclohexane	4.70	56	158651	48.656	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	162091	48.960	ug/L	98
31) Carbon tetrachloride	4.85	117	139036	50.447	ug/L	99
33) Benzene	5.12	78	407728	48.781	ug/L	100
34) Trichloroethene	5.94	95	107148	48.497	ug/L	97
35) Methylcyclohexane	6.15	83	161342	49.111	ug/L	100
37) 1,2-Dichloropropane	6.19	63	109792	48.166	ug/L	100
38) Bromodichloromethane	6.53	83	142980	50.500	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	165995	51.370	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	280935	94.280	ug/L	100
42) Toluene	7.41	91	436220	50.015	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	165088	53.846	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	104099	49.314	ug/L	97
46) Tetrachloroethene	7.99	164	83624	51.609	ug/L	99
48) 2-Hexanone	8.15	43	237126	98.684	ug/L	100
49) Dibromochloromethane	8.26	129	109978	53.376	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106382	48.709	ug/L	98
51) Chlorobenzene	8.90	112	281191	50.128	ug/L	98
52) Ethylbenzene	9.03	91	484308	50.927	ug/L	99
53) m,p-Xylene	9.16	106	179989	51.459	ug/L	97
54) o-xylene	9.56	106	175453	50.760	ug/L	98
55) Styrene	9.58	104	313248	52.920	ug/L	98
56) Isopropylbenzene	9.95	105	472072	51.770	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	156839	47.713	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	131393	46.674	ug/L	99
61) Bromoform	9.75	173	76498	54.209	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	238267	50.240	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	244454	50.175	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	237029	48.557	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	32558	45.269	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	191717	53.215	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	173953	54.919	ug/L	100
69) Naphthalene	13.52	128	454420	52.050	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	173191	53.767	ug/L	100

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

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