

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082620\
 Data File : VV018099.D
 Acq On : 26 Aug 2020 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Aug 27 01:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 26 11:58:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270552	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267262	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97796	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.76%
7) Chloroethane-d5	1.58	69	84896	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.54%
11) 1,1-Dichloroethene-d2	2.12	63	198922	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.76%
21) 2-Butanone-d5	3.91	46	123036	91.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	4.37	84	187245	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.05	65	122806	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.07	84	370821	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
36) 1,2-Dichloropropane-d6	6.09	67	119249	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.33	98	343078	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%
43) trans-1,3-Dichloropropene-	7.64	79	58605	53.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.32%
47) 2-Hexanone-d5	8.11	63	70740	91.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151822	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	142154	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	98532	47.173	ug/L 100
3) Chloromethane	1.25	50	111294	45.868	ug/L 100
5) Vinyl chloride	1.32	62	117329	48.805	ug/L 100
6) Bromomethane	1.53	94	69918	48.662	ug/L 99
8) Chloroethane	1.60	64	76625	49.938	ug/L 100
9) Trichlorofluoromethane	1.76	101	172900	50.349	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101816	53.100	ug/L 97
12) 1,1-Dichloroethene	2.13	96	93282	51.399	ug/L 95
13) Acetone	2.19	43	163109	116.800	ug/L 99
14) Carbon disulfide	2.31	76	245393	49.127	ug/L 100
15) Methyl Acetate	2.44	43	105512	46.819	ug/L 100
16) Methylene chloride	2.52	84	108281	46.832	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	95772	51.337	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	313918	50.880	ug/L 99
19) 1,1-Dichloroethane	3.21	63	195034	51.993	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	106669	52.032	ug/L 97
22) 2-Butanone	3.99	43	170006	108.517	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56833	53.067	ug/L	96
25) Chloroform	4.40	83	206158	53.882	ug/L	99
27) 1,2-Dichloroethane	5.15	62	154252	50.651	ug/L	98
29) Cyclohexane	4.70	56	157769	48.911	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	169392	51.721	ug/L	99
31) Carbon tetrachloride	4.85	117	146832	53.854	ug/L	99
33) Benzene	5.12	78	418281	50.586	ug/L	100
34) Trichloroethene	5.93	95	110770	50.681	ug/L	98
35) Methylcyclohexane	6.15	83	162940	50.136	ug/L	99
37) 1,2-Dichloropropane	6.19	63	114992	50.995	ug/L	100
38) Bromodichloromethane	6.53	83	148587	53.049	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	168863	52.824	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	282415	95.805	ug/L	100
42) Toluene	7.41	91	448683	52.002	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	170547	56.230	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	107372	51.417	ug/L	99
46) Tetrachloroethene	7.99	164	85485	53.330	ug/L	99
48) 2-Hexanone	8.15	43	241161	101.453	ug/L	99
49) Dibromochloromethane	8.26	129	119047	58.404	ug/L	98
50) 1,2-Dibromoethane	8.37	107	109653	50.752	ug/L	96
51) Chlorobenzene	8.90	112	290246	52.304	ug/L	97
52) Ethylbenzene	9.03	91	494333	52.545	ug/L	100
53) m,p-Xylene	9.16	106	185738	53.679	ug/L	100
54) o-xylene	9.56	106	177374	51.873	ug/L	96
55) Styrene	9.58	104	324250	55.373	ug/L	100
56) Isopropylbenzene	9.95	105	485225	53.790	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	160408	49.328	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	135631	48.702	ug/L	100
61) Bromoform	9.75	173	83932	59.452	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	244670	51.569	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	250805	51.458	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	245181	50.207	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33424	46.454	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	194456	53.953	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	174599	55.100	ug/L	100
69) Naphthalene	13.52	128	438995	50.263	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	175016	54.311	ug/L	99

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

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