

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017918.D
 Acq On : 12 Aug 2020 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Aug 13 04:32:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 20:01:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275771	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143409	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106289	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.58	69	84606	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.18%
11) 1,1-Dichloroethene-d2	2.12	63	207739	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.90%
21) 2-Butanone-d5	3.91	46	134033	93.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.17%
24) Chloroform-d	4.37	84	192114	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.05	65	123306	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
32) Benzene-d6	5.07	84	374551	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
36) 1,2-Dichloropropane-d6	6.09	67	120446	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.33	98	344893	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
43) trans-1,3-Dichloropropene-	7.64	79	56750	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.72%
47) 2-Hexanone-d5	8.11	63	78691	98.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.69%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	152485	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	134530	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	111115	49.998	ug/L 100
3) Chloromethane	1.25	50	120795	46.791	ug/L 99
5) Vinyl chloride	1.32	62	125911	49.226	ug/L 98
6) Bromomethane	1.53	94	71410	46.712	ug/L 97
8) Chloroethane	1.59	64	76734	47.003	ug/L 100
9) Trichlorofluoromethane	1.76	101	181462	49.665	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105321	51.626	ug/L 99
12) 1,1-Dichloroethene	2.13	96	96783	50.122	ug/L 92
13) Acetone	2.19	43	132738	89.337	ug/L 99
14) Carbon disulfide	2.31	76	268482	50.518	ug/L 100
15) Methyl Acetate	2.44	43	111837	46.642	ug/L 99
16) Methylene chloride	2.52	84	108735	44.201	ug/L 98
17) trans-1,2-Dichloroethene	2.77	96	97191	48.965	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	314642	47.932	ug/L 100
19) 1,1-Dichloroethane	3.21	63	192368	48.199	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	105228	48.243	ug/L 99
22) 2-Butanone	3.99	43	165705	99.413	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54826	48.115	ug/L	99
25) Chloroform	4.40	83	193840	47.617	ug/L	100
27) 1,2-Dichloroethane	5.15	62	153695	47.434	ug/L	99
29) Cyclohexane	4.70	56	175539	52.741	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	168455	49.847	ug/L	99
31) Carbon tetrachloride	4.85	117	146297	52.002	ug/L	99
33) Benzene	5.12	78	422083	49.471	ug/L	100
34) Trichloroethene	5.94	95	110554	49.021	ug/L	98
35) Methylcyclohexane	6.15	83	177957	53.067	ug/L	99
37) 1,2-Dichloropropane	6.20	63	112154	48.202	ug/L	100
38) Bromodichloromethane	6.53	83	140866	48.741	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	166483	50.473	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	293400	96.461	ug/L	100
42) Toluene	7.41	91	445395	50.028	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	158913	50.777	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	103215	47.901	ug/L	99
46) Tetrachloroethene	8.00	164	84274	50.953	ug/L	98
48) 2-Hexanone	8.16	43	237031	96.639	ug/L	100
49) Dibromochloromethane	8.27	129	103703	49.307	ug/L	99
50) 1,2-Dibromoethane	8.37	107	107205	48.088	ug/L	97
51) Chlorobenzene	8.90	112	276687	48.322	ug/L	100
52) Ethylbenzene	9.03	91	487839	50.255	ug/L	99
53) m,p-Xylene	9.16	106	180956	50.683	ug/L	99
54) o-xylene	9.56	106	176218	49.944	ug/L	98
55) Styrene	9.58	104	307956	50.968	ug/L	98
56) Isopropylbenzene	9.95	105	477272	51.276	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	158079	47.112	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	134703	46.877	ug/L	100
61) Bromoform	9.75	173	68117	50.199	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	220441	48.339	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	225896	48.220	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	226144	48.179	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33387	48.277	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	173113	49.971	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	153316	50.338	ug/L	99
69) Naphthalene	13.52	128	428639	51.060	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	156148	50.413	ug/L	100

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

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