

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081120\
 Data File : VV017916.D
 Acq On : 11 Aug 2020 18:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Aug 11 20:03:58 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	280445	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137994	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106525	49.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.56%
7) Chloroethane-d5	1.58	69	88732	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.38%
11) 1,1-Dichloroethene-d2	2.12	63	205608	50.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.46%
21) 2-Butanone-d5	3.91	46	141754	101.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.37	84	198204	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.05	65	128404	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
32) Benzene-d6	5.07	84	384960	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.92%
36) 1,2-Dichloropropane-d6	6.09	67	124426	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.34	98	351436	52.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.50%
43) trans-1,3-Dichloropropene-	7.64	79	59730	54.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.74%
47) 2-Hexanone-d5	8.11	63	82233	105.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159448	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	139123	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	103185	47.658	ug/L	99
3) Chloromethane	1.25	50	121176	48.179	ug/L	99
5) Vinyl chloride	1.32	62	121943	48.935	ug/L	98
6) Bromomethane	1.53	94	73145	49.112	ug/L	99
8) Chloroethane	1.59	64	78155	49.139	ug/L	99
9) Trichlorofluoromethane	1.76	101	172309	48.407	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97222	48.916	ug/L	99
12) 1,1-Dichloroethene	2.13	96	91826	48.812	ug/L	97
13) Acetone	2.19	43	108546	74.986	ug/L	98
14) Carbon disulfide	2.31	76	260235	50.261	ug/L	100
15) Methyl Acetate	2.45	43	111196	47.600	ug/L	100
16) Methylene chloride	2.52	84	115858	48.342	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	95358	49.312	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	316598	49.505	ug/L	100
19) 1,1-Dichloroethane	3.21	63	191512	49.253	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	105665	49.724	ug/L	100
22) 2-Butanone	4.00	43	155896	96.000	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53849	48.507	ug/L	99
25) Chloroform	4.40	83	193220	48.719	ug/L	99
27) 1,2-Dichloroethane	5.15	62	152157	48.201	ug/L	98
29) Cyclohexane	4.70	56	164851	50.811	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	163549	49.648	ug/L	100
31) Carbon tetrachloride	4.85	117	139340	50.811	ug/L	98
33) Benzene	5.12	78	417070	50.149	ug/L	100
34) Trichloroethene	5.94	95	107078	48.709	ug/L	99
35) Methylcyclohexane	6.15	83	163127	49.903	ug/L	99
37) 1,2-Dichloropropane	6.20	63	114136	50.323	ug/L	100
38) Bromodichloromethane	6.53	83	139668	49.577	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	163789	50.941	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	294950	99.480	ug/L	100
42) Toluene	7.41	91	436362	50.282	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	159429	52.261	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	102637	48.866	ug/L	98
46) Tetrachloroethene	8.00	164	79773	49.480	ug/L	98
48) 2-Hexanone	8.16	43	232161	97.103	ug/L	99
49) Dibromochloromethane	8.27	129	102609	50.049	ug/L	99
50) 1,2-Dibromoethane	8.37	107	107225	49.341	ug/L	98
51) Chlorobenzene	8.90	112	272080	48.748	ug/L	99
52) Ethylbenzene	9.03	91	478684	50.588	ug/L	99
53) m,p-Xylene	9.16	106	177074	50.880	ug/L	100
54) o-xylene	9.56	106	173739	50.516	ug/L	100
55) Styrene	9.58	104	303055	51.455	ug/L	98
56) Isopropylbenzene	9.95	105	465811	51.340	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	158371	48.421	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	134772	48.115	ug/L	100
61) Bromoform	9.75	173	68055	52.121	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	216233	49.277	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	220938	49.012	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	222034	49.160	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	33737	50.697	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	166813	50.042	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	151597	51.727	ug/L	100
69) Naphthalene	13.52	128	431575	53.427	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	152858	51.288	ug/L	100

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

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