

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012338.D
 Acq On : 22 Aug 2019 01:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Aug 22 05:06:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 03:48:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	197998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47264	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.58	69	35332	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.13	63	96557	49.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.10%
21) 2-Butanone-d5	3.92	46	79189	101.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.60%
24) Chloroform-d	4.40	84	147737	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.08	65	102433	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
32) Benzene-d6	5.10	84	270460	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
36) 1,2-Dichloropropane-d6	6.12	67	72180	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.36	98	266090	51.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.42%
43) trans-1,3-Dichloropropene-	7.66	79	42391	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.13	63	60527	102.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.71%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105819	52.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	117941	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95947	53.028	ug/L 100
3) Chloromethane	1.25	50	53296	51.677	ug/L 100
5) Vinyl chloride	1.32	62	53404	52.350	ug/L 98
6) Bromomethane	1.52	94	28156	52.942	ug/L 97
8) Chloroethane	1.59	64	28922	50.112	ug/L 98
9) Trichlorofluoromethane	1.77	101	112031	54.589	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47040	50.583	ug/L 97
12) 1,1-Dichloroethene	2.14	96	45465	53.513	ug/L 86
13) Acetone	2.18	43	53111	90.796	ug/L 98
14) Carbon disulfide	2.32	76	162944	50.937	ug/L 99
15) Methyl Acetate	2.45	43	59139	53.880	ug/L 100
16) Methylene chloride	2.53	84	68335	52.791	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	67433	52.449	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	229723	53.934	ug/L 99
19) 1,1-Dichloroethane	3.23	63	118054	54.682	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	77558	54.209	ug/L 97
22) 2-Butanone	4.01	43	84893	101.136	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41896	52.924	ug/L	99
25) Chloroform	4.42	83	142833	53.590	ug/L	100
27) 1,2-Dichloroethane	5.18	62	119262	55.050	ug/L	98
29) Cyclohexane	4.73	56	95022	52.714	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	139235	54.628	ug/L	98
31) Carbon tetrachloride	4.87	117	130613	54.552	ug/L	98
33) Benzene	5.15	78	270076	54.115	ug/L	100
34) Trichloroethene	5.96	95	77040	52.703	ug/L	99
35) Methylcyclohexane	6.18	83	111495	50.444	ug/L	99
37) 1,2-Dichloropropane	6.22	63	61467	54.329	ug/L	98
38) Bromodichloromethane	6.55	83	109282	55.184	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	108528	51.672	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	166908	109.719	ug/L	99
42) Toluene	7.43	91	306095	54.371	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	103501	51.706	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	70618	53.992	ug/L	95
46) Tetrachloroethene	8.02	164	72254	51.655	ug/L	99
48) 2-Hexanone	8.18	43	122206	106.409	ug/L	99
49) Dibromochloromethane	8.29	129	95840	54.187	ug/L	99
50) 1,2-Dibromoethane	8.40	107	79941	55.073	ug/L	99
51) Chlorobenzene	8.92	112	208226	53.429	ug/L	99
52) Ethylbenzene	9.05	91	346871	53.311	ug/L	99
53) m,p-Xylene	9.18	106	135125	53.511	ug/L	93
54) o-xylene	9.59	106	134284	54.178	ug/L	99
55) Styrene	9.60	104	226670	54.613	ug/L	100
56) Isopropylbenzene	9.97	105	356692	53.118	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	102122	53.733	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	87738	54.421	ug/L	99
61) Bromoform	9.77	173	75460	53.450	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	174061	52.278	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	173033	51.499	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	180904	53.693	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	26709	54.491	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	135889	51.488	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	108915	52.744	ug/L	100
69) Naphthalene	13.55	128	300081	54.093	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	116830	55.259	ug/L	98

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

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