

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013864.D
 Acq On : 02 Dec 2019 11:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Dec 03 03:04:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	733737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	672409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	387286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195202	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	207055	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.13	63	439503	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.68%
21) 2-Butanone-d5	3.92	46	292921	98.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.07%
24) Chloroform-d	4.39	84	418963	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.07	65	263655	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.09	84	858349	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.11	67	259723	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.35	98	785629	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%
43) trans-1,3-Dichloropropene-	7.66	79	121076	47.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.14%
47) 2-Hexanone-d5	8.12	63	196087	100.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.41%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	344441	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	347588	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	303580	46.467	ug/L	99
3) Chloromethane	1.25	50	281546	47.137	ug/L	99
5) Vinyl chloride	1.32	62	283438	45.499	ug/L	99
6) Bromomethane	1.53	94	175103	46.491	ug/L	98
8) Chloroethane	1.60	64	194053	46.817	ug/L	99
9) Trichlorofluoromethane	1.77	101	448453	46.285	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	253838	45.999	ug/L	100
12) 1,1-Dichloroethene	2.14	96	240345	45.089	ug/L	96
13) Acetone	2.18	43	374479	85.554	ug/L	97
14) Carbon disulfide	2.32	76	634368	45.128	ug/L	99
15) Methyl Acetate	2.45	43	245810	45.567	ug/L	100
16) Methylene chloride	2.53	84	250635	45.152	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	243392	46.682	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	706514	46.694	ug/L	99
19) 1,1-Dichloroethane	3.23	63	436913	46.512	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	263715	46.706	ug/L	98
22) 2-Butanone	4.00	43	383115	91.190	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	145691	46.704	ug/L	96
25) Chloroform	4.42	83	468483	46.651	ug/L	99
27) 1,2-Dichloroethane	5.17	62	341392	47.179	ug/L	98
29) Cyclohexane	4.72	56	387691	49.350	ug/L	100
30) 1,1,1-Trichloroethane	4.65	97	386342	47.594	ug/L	99
31) Carbon tetrachloride	4.87	117	351609	48.490	ug/L	99
33) Benzene	5.14	78	986888	49.284	ug/L	100
34) Trichloroethene	5.95	95	256867	47.827	ug/L	98
35) Methylcyclohexane	6.17	83	404829	50.238	ug/L	99
37) 1,2-Dichloropropane	6.22	63	245569	50.670	ug/L	100
38) Bromodichloromethane	6.55	83	332250	48.341	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	374386	49.070	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	603887	95.823	ug/L	98
42) Toluene	7.42	91	1018258	49.285	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	335504	48.561	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	232570	48.345	ug/L	98
46) Tetrachloroethene	8.01	164	233063	48.090	ug/L	97
48) 2-Hexanone	8.17	43	482979	95.804	ug/L	95
49) Dibromochloromethane	8.28	129	282402	48.024	ug/L	100
50) 1,2-Dibromoethane	8.39	107	251751	47.506	ug/L	99
51) Chlorobenzene	8.92	112	682296	47.867	ug/L	98
52) Ethylbenzene	9.05	91	1110126	48.740	ug/L	99
53) m,p-Xylene	9.18	106	439307	49.877	ug/L	98
54) o-xylene	9.58	106	420716	48.854	ug/L	99
55) Styrene	9.60	104	753226	50.695	ug/L	99
56) Isopropylbenzene	9.97	105	1125285	48.613	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	355628	45.410	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	291040	44.376	ug/L	99
61) Bromoform	9.77	173	226860	47.885	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	588754	46.330	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	605286	46.073	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	586246	46.119	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	78630	44.509	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	469089	45.456	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	412144	44.262	ug/L	100
69) Naphthalene	13.55	128	1092323	44.677	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	445031	45.701	ug/L	100

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

