

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012734.D
 Acq On : 13 Sep 2019 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Sep 14 00:16:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:43:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	836075	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	790371	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	385782	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210563	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.88%
7) Chloroethane-d5	1.57	69	192045	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.58%
11) 1,1-Dichloroethene-d2	2.13	63	414550	44.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.96%
21) 2-Butanone-d5	3.92	46	508699	103.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.40	84	552048	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.07	65	343680	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.09	84	1020096	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.11	67	360622	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.36	98	957840	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.66	79	156882	50.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.20%
47) 2-Hexanone-d5	8.13	63	316394	110.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.81%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	491225	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.67	152	431202	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	259081	46.285	ug/L 100
3) Chloromethane	1.25	50	268302	45.936	ug/L 98
5) Vinyl chloride	1.32	62	271650	46.516	ug/L 99
6) Bromomethane	1.51	94	125722	38.275	ug/L 99
8) Chloroethane	1.59	64	172744	47.353	ug/L 99
9) Trichlorofluoromethane	1.76	101	382677	46.698	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	235604	46.573	ug/L 99
12) 1,1-Dichloroethene	2.14	96	204683	46.443	ug/L 97
13) Acetone	2.18	43	373165	92.001	ug/L 100
14) Carbon disulfide	2.31	76	433092	45.031	ug/L 99
15) Methyl Acetate	2.45	43	329167	51.125	ug/L 99
16) Methylene chloride	2.53	84	273455	47.289	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	223655	46.427	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	842179	50.683	ug/L 100
19) 1,1-Dichloroethane	3.23	63	499049	47.926	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	287991	48.317	ug/L 97
22) 2-Butanone	4.00	43	511163	101.431	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	146261	48.300	ug/L	99
25) Chloroform	4.42	83	518823	47.427	ug/L	99
27) 1,2-Dichloroethane	5.17	62	398331	48.651	ug/L	99
29) Cyclohexane	4.72	56	378333	50.423	ug/L	98
30) 1,1,1-Trichloroethane	4.65	97	402319	48.680	ug/L	99
31) Carbon tetrachloride	4.87	117	346248	48.658	ug/L	99
33) Benzene	5.14	78	1070580	49.798	ug/L	100
34) Trichloroethene	5.96	95	295608	47.302	ug/L	97
35) Methylcyclohexane	6.17	83	396514	50.297	ug/L	99
37) 1,2-Dichloropropane	6.22	63	310728	50.259	ug/L	100
38) Bromodichloromethane	6.55	83	393863	49.490	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	449828	51.967	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	915451	106.990	ug/L	100
42) Toluene	7.43	91	1148152	51.427	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	391688	51.325	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	305002	50.563	ug/L	98
46) Tetrachloroethene	8.02	164	211126	48.704	ug/L	98
48) 2-Hexanone	8.18	43	733765	105.696	ug/L	98
49) Dibromochloromethane	8.29	129	319813	50.600	ug/L	97
50) 1,2-Dibromoethane	8.39	107	292267	50.294	ug/L	98
51) Chlorobenzene	8.92	112	754634	49.334	ug/L	100
52) Ethylbenzene	9.05	91	1263369	51.474	ug/L	98
53) m,p-Xylene	9.18	106	474211	52.463	ug/L	99
54) o-xylene	9.59	106	481625	52.487	ug/L	100
55) Styrene	9.60	104	830843	53.383	ug/L	99
56) Isopropylbenzene	9.97	105	1277077	52.969	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	431488	52.386	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	398039	50.581	ug/L	99
61) Bromoform	9.77	173	232892	49.994	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	600045	50.357	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	601432	49.205	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	631388	50.394	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	83666	50.022	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	446825	50.758	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	384099	51.641	ug/L	100
69) Naphthalene	13.55	128	1191110	55.395	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	423142	52.407	ug/L	99

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

