

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
 Data File : VV013899.D
 Acq On : 03 Dec 2019 19:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Dec 04 01:16:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 04 01:11:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	669941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	647799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167038	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.57	69	183409	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.70%
11) 1,1-Dichloroethene-d2	2.13	63	390710	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
21) 2-Butanone-d5	3.92	46	300112	110.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.39	84	415322	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	5.08	65	253518	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
32) Benzene-d6	5.09	84	809222	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.11	67	242883	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.40%
41) Toluene-d8	7.35	98	743529	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.66	79	112537	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.80%
47) 2-Hexanone-d5	8.13	63	165770	88.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.11%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	344860	47.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	315014	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	278739	46.728	ug/L 100
3) Chloromethane	1.25	50	280266	51.391	ug/L 99
5) Vinyl chloride	1.32	62	270255	47.514	ug/L 98
6) Bromomethane	1.51	94	160911	46.792	ug/L 98
8) Chloroethane	1.59	64	180733	47.755	ug/L 100
9) Trichlorofluoromethane	1.76	101	418496	47.307	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	232793	46.202	ug/L 99
12) 1,1-Dichloroethene	2.14	96	227164	46.675	ug/L 93
13) Acetone	2.18	43	358490	89.701	ug/L 98
14) Carbon disulfide	2.31	76	576395	44.909	ug/L 98
15) Methyl Acetate	2.45	43	240447	48.817	ug/L 99
16) Methylene chloride	2.53	84	238970	47.151	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	221652	46.560	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	683568	49.480	ug/L 100
19) 1,1-Dichloroethane	3.22	63	406556	47.402	ug/L 97
20) cis-1,2-Dichloroethene	3.96	96	245987	47.715	ug/L 97
22) 2-Butanone	4.00	43	381971	99.575	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	136630	47.970	ug/L	97
25) Chloroform	4.42	83	427109	46.581	ug/L	100
27) 1,2-Dichloroethane	5.17	62	324295	49.084	ug/L	98
29) Cyclohexane	4.72	56	354791	46.878	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	363722	46.510	ug/L	99
31) Carbon tetrachloride	4.87	117	326750	46.774	ug/L	99
33) Benzene	5.14	78	937666	48.605	ug/L	100
34) Trichloroethene	5.95	95	243186	47.000	ug/L	99
35) Methylcyclohexane	6.17	83	356396	45.908	ug/L	99
37) 1,2-Dichloropropane	6.22	63	226545	48.520	ug/L	100
38) Bromodichloromethane	6.55	83	311903	47.104	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	348959	47.475	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	596335	98.220	ug/L	99
42) Toluene	7.42	91	961041	48.283	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	303812	45.644	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	225545	48.666	ug/L	97
46) Tetrachloroethene	8.01	164	212893	45.597	ug/L	97
48) 2-Hexanone	8.18	43	493705	101.652	ug/L	96
49) Dibromochloromethane	8.28	129	266889	47.110	ug/L	99
50) 1,2-Dibromoethane	8.39	107	246733	48.328	ug/L	100
51) Chlorobenzene	8.92	112	646930	47.110	ug/L	99
52) Ethylbenzene	9.05	91	1089434	49.649	ug/L	99
53) m,p-Xylene	9.18	106	399583	47.091	ug/L	98
54) o-xylene	9.58	106	409915	49.408	ug/L	99
55) Styrene	9.60	104	690265	48.223	ug/L	100
56) Isopropylbenzene	9.97	105	1086429	48.717	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	330078	43.749	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	296186	46.877	ug/L	100
61) Bromoform	9.77	173	206490	50.265	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	516597	46.882	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	522744	45.888	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	514347	46.664	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	73419	47.929	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	396190	44.275	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	312953	38.760	ug/L	100
69) Naphthalene	13.55	128	653744	30.837	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	328301	38.881	ug/L	100

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

