

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021120\
 Data File : VV014561.D
 Acq On : 11 Feb 2020 18:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Feb 12 03:19:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 03:16:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	297602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	277337	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	138427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57221	34.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.24%
7) Chloroethane-d5	1.59	69	42949	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.13	63	102309	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
21) 2-Butanone-d5	3.92	46	122099	109.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.79%
24) Chloroform-d	4.40	84	189373	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
26) 1,2-Dichloroethane-d4	5.08	65	117826	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.84%
32) Benzene-d6	5.10	84	375070	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
36) 1,2-Dichloropropane-d6	6.11	67	115104	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.36	98	351353	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%
43) trans-1,3-Dichloropropene-	7.66	79	63168	53.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.58%
47) 2-Hexanone-d5	8.13	63	101506	112.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.29%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	160050	53.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	137579	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	125491	50.437	ug/L	98
3) Chloromethane	1.26	50	104391	40.185	ug/L	99
5) Vinyl chloride	1.33	62	76770	36.777	ug/L	99
6) Bromomethane	1.54	94	38374	55.174	ug/L	97
8) Chloroethane	1.60	64	38071	41.535	ug/L	98
9) Trichlorofluoromethane	1.77	101	130435	54.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	54260	48.154	ug/L	95
12) 1,1-Dichloroethene	2.14	96	50684	44.770	ug/L	96
13) Acetone	2.19	43	67824	71.475	ug/L	100
14) Carbon disulfide	2.32	76	256221	46.081	ug/L	100
15) Methyl Acetate	2.46	43	89475	48.930	ug/L	93
16) Methylene chloride	2.54	84	108203	49.638	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	101063	51.467	ug/L	94
18) Methyl tert-butyl Ether	2.80	73	324714	53.761	ug/L	98
19) 1,1-Dichloroethane	3.23	63	178598	49.844	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	118769	54.232	ug/L	93
22) 2-Butanone	4.01	43	126227	92.317	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	58080	56.571	ug/L	85
25) Chloroform	4.42	83	193750	53.683	ug/L	99
27) 1,2-Dichloroethane	5.18	62	146635	57.145	ug/L	100
29) Cyclohexane	4.73	56	160815	47.463	ug/L	95
30) 1,1,1-Trichloroethane	4.66	97	172396	58.008	ug/L	98
31) Carbon tetrachloride	4.88	117	155327	59.901	ug/L	96
33) Benzene	5.14	78	415949	50.830	ug/L	100
34) Trichloroethene	5.96	95	111095	53.751	ug/L	94
35) Methylcyclohexane	6.18	83	173539	50.532	ug/L	97
37) 1,2-Dichloropropane	6.22	63	105404	51.542	ug/L #	94
38) Bromodichloromethane	6.55	83	147462	53.856	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	177051	52.652	ug/L	100
40) 4-Methyl-2-pentanone	7.26	43	256873	103.899	ug/L #	94
42) Toluene	7.43	91	454584	53.066	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	162973	54.573	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	105251	54.473	ug/L	99
46) Tetrachloroethene	8.02	164	86427	57.178	ug/L	99
48) 2-Hexanone	8.18	43	191679	99.113	ug/L	97
49) Dibromochloromethane	8.29	129	123536	58.112	ug/L	99
50) 1,2-Dibromoethane	8.39	107	114786	55.797	ug/L	98
51) Chlorobenzene	8.92	112	298111	54.400	ug/L	99
52) Ethylbenzene	9.05	91	512698	53.325	ug/L	99
53) m,p-Xylene	9.18	106	194200	54.093	ug/L	97
54) o-xylene	9.58	106	189696	53.325	ug/L	98
55) Styrene	9.60	104	331672	55.555	ug/L	100
56) Isopropylbenzene	9.97	105	501299	55.113	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	167110	54.139	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	130011	53.797	ug/L	100
61) Bromoform	9.77	173	85053	58.805	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	236343	55.512	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	240871	54.957	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	228941	54.403	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	36379	54.381	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	163700	57.074	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	154777	59.403	ug/L	98
69) Naphthalene	13.54	128	489222	59.290	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	151024	60.153	ug/L	97

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

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