

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014478.D
 Acq On : 01 Feb 2020 02:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Feb 01 04:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 02:36:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	469257	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	434614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	211055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120926	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	84902	52.40	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	182657	52.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.00%
21) 2-Butanone-d5	3.92	46	201250	114.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.77%
24) Chloroform-d	4.40	84	275728	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.08	65	168230	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
32) Benzene-d6	5.10	84	566346	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.11	67	178452	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.36	98	524450	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.66	79	90239	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.13	63	161655	114.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	227492	48.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	192743	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	189873	48.398	ug/L	100
3) Chloromethane	1.26	50	217046	52.989	ug/L	100
5) Vinyl chloride	1.33	62	161440	49.048	ug/L	99
6) Bromomethane	1.53	94	51677	47.121	ug/L	94
8) Chloroethane	1.60	64	77658	53.732	ug/L	98
9) Trichlorofluoromethane	1.77	101	195743	51.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95446	53.720	ug/L	99
12) 1,1-Dichloroethene	2.14	96	95032	53.237	ug/L	98
13) Acetone	2.19	43	120332	80.423	ug/L	97
14) Carbon disulfide	2.32	76	437603	49.913	ug/L	100
15) Methyl Acetate	2.45	43	163678	56.766	ug/L	98
16) Methylene chloride	2.54	84	170669	49.654	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	158117	51.067	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	509997	53.550	ug/L	99
19) 1,1-Dichloroethane	3.23	63	286080	50.635	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	176904	51.229	ug/L	99
22) 2-Butanone	4.01	43	229529	106.461	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	81751	50.499	ug/L	99
25) Chloroform	4.42	83	285760	50.214	ug/L	100
27) 1,2-Dichloroethane	5.18	62	216559	53.523	ug/L	99
29) Cyclohexane	4.73	56	275987	51.978	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	249360	53.542	ug/L	100
31) Carbon tetrachloride	4.87	117	213839	52.623	ug/L	99
33) Benzene	5.14	78	650138	50.698	ug/L	100
34) Trichloroethene	5.96	95	167760	51.795	ug/L	97
35) Methylcyclohexane	6.17	83	268584	49.906	ug/L	99
37) 1,2-Dichloropropane	6.22	63	162947	50.846	ug/L	100
38) Bromodichloromethane	6.55	83	217061	50.587	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	262571	49.827	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	446290	115.190	ug/L	99
42) Toluene	7.43	91	684503	50.990	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	236347	50.503	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	155308	51.292	ug/L	99
46) Tetrachloroethene	8.02	164	119154	50.302	ug/L	99
48) 2-Hexanone	8.18	43	334365	110.327	ug/L	96
49) Dibromochloromethane	8.29	129	168360	50.538	ug/L	98
50) 1,2-Dibromoethane	8.39	107	166339	51.596	ug/L	99
51) Chlorobenzene	8.92	112	430660	50.148	ug/L	99
52) Ethylbenzene	9.05	91	762908	50.635	ug/L	99
53) m,p-Xylene	9.18	106	284179	50.511	ug/L	98
54) o-xylene	9.58	106	281234	50.448	ug/L	99
55) Styrene	9.60	104	488366	52.199	ug/L	98
56) Isopropylbenzene	9.97	105	732803	51.410	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	243901	50.422	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	195598	51.647	ug/L	99
61) Bromoform	9.77	173	115566	52.406	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	330855	50.969	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	336207	50.311	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	322579	50.276	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	54079	53.021	ug/L	97
67) 1,3,5-Trichlorobenzene	12.68	180	222912	50.974	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	210508	52.991	ug/L	99
69) Naphthalene	13.54	128	787009	62.558	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	206313	53.897	ug/L	98

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

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