

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014780.D
 Acq On : 27 Jan 2020 22:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Jan 28 07:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 07:18:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	974250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	881183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	433426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	379374	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
7) Chloroethane-d5	2.89	69	307365	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
10) 1,1-Dichloroethene-d2	4.02	63	674942	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.68%
20) 2-Butanone-d5	7.07	46	230983	52.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.44%
24) Chloroform-d	7.65	84	675293	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.30	65	361797	24.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.92%
29) Benzene-d6	8.27	84	1371029	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	431891	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	1228144	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.57	79	169462	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.68%
39) 2-Hexanone-d5	10.92	63	187389	57.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	346321	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	414665	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	317423	26.495	ug/L 99
3) Chloromethane	2.21	50	308973	22.107	ug/L 100
5) Vinyl chloride	2.36	62	527953	26.850	ug/L 94
6) Bromomethane	2.78	94	251510	24.469	ug/L 100
8) Chloroethane	2.92	64	268549	25.209	ug/L 98
9) Trichlorofluoromethane	3.26	101	208450	22.077	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	346208	25.670	ug/L 99
12) 1,1-Dichloroethene	4.04	96	347214	26.107	ug/L 88
13) Acetone	4.12	43	174886	37.267	ug/L 100
14) Carbon disulfide	4.39	76	1127457	25.897	ug/L 100
15) Methyl Acetate	4.67	43	201958	28.837	ug/L 99
16) Methylene chloride	4.92	84	390954	23.745	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	502859	28.603	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	364403	26.519	ug/L 99
19) 1,1-Dichloroethane	6.21	63	688704	26.726	ug/L 99
21) 2-Butanone	7.17	43	265074	50.448	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	387231	26.916	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	166251	26.445	ug/L	95
25) Chloroform	7.67	83	648143	26.957	ug/L	99
27) 1,2-Dichloroethane	8.40	62	434087	27.325	ug/L	100
30) Cyclohexane	7.95	56	652852	27.131	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	500230	25.998	ug/L	99
32) Carbon tetrachloride	8.07	117	459253	25.469	ug/L	100
34) Benzene	8.32	78	1513962	26.826	ug/L	100
35) Trichloroethene	9.09	95	371772	25.931	ug/L	99
36) Methylcyclohexane	9.34	83	658256	26.391	ug/L	99
40) 1,2-Dichloropropane	9.37	63	386234	26.997	ug/L	99
41) Bromodichloromethane	9.64	83	462756	27.064	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	583084	27.904	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	559551	59.481	ug/L	99
44) Toluene	10.38	91	1569591	27.371	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	460906	27.171	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	270807	27.729	ug/L	98
47) Tetrachloroethene	10.86	164	294637	25.721	ug/L	98
49) 2-Hexanone	10.96	43	386436	57.136	ug/L	99
50) Dibromochloromethane	11.13	129	308289	27.666	ug/L	98
51) 1,2-Dibromoethane	11.23	107	260185	27.695	ug/L	97
52) Chlorobenzene	11.65	112	955974	26.698	ug/L	99
53) Ethylbenzene	11.73	91	1718477	27.422	ug/L	100
54) m,p-Xylene	11.83	106	640616	27.347	ug/L	94
55) o-xylene	12.16	106	612277	27.856	ug/L	100
56) Styrene	12.18	104	1066447	28.608	ug/L	99
57) Isopropylbenzene	12.46	105	1627041	27.332	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	344338	27.365	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	258594	27.358	ug/L	99
62) Bromoform	12.35	173	178119	26.180	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	724044	25.875	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	732852	26.132	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	672108	26.407	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	56193	26.918	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	528209	25.485	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	431302	28.041	ug/L	99
69) Naphthalene	15.36	128	890700	32.018	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	409866	29.064	ug/L	98

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

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