

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020720\
 Data File : VW014930.D
 Acq On : 07 Feb 2020 19:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Feb 08 04:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 08 03:59:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	663032	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	622670	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	293177	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	278184	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
7) Chloroethane-d5	2.89	69	230841	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.08%
10) 1,1-Dichloroethene-d2	4.03	63	516301	25.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.96%
20) 2-Butanone-d5	7.07	46	172426	55.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.94%
24) Chloroform-d	7.65	84	512943	27.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	8.31	65	294116	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.92%
29) Benzene-d6	8.27	84	1014282	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	9.27	67	340007	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	885752	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.56%
38) trans-1,3-Dichloropropene-	10.57	79	128627	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.84%
39) 2-Hexanone-d5	10.92	63	128601	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	266554	27.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	270002	23.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	161171	23.645	ug/L	93
3) Chloromethane	2.21	50	248761	24.084	ug/L	98
5) Vinyl chloride	2.37	62	335969	24.912	ug/L	99
6) Bromomethane	2.78	94	155648	23.080	ug/L	100
8) Chloroethane	2.93	64	186531	25.279	ug/L	99
9) Trichlorofluoromethane	3.26	101	130103	23.865	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	249509	25.927	ug/L	96
12) 1,1-Dichloroethene	4.04	96	228622	24.308	ug/L	95
13) Acetone	4.12	43	147024	46.239	ug/L	99
14) Carbon disulfide	4.39	76	713975	25.282	ug/L	100
15) Methyl Acetate	4.67	43	142934	27.317	ug/L	97
16) Methylene chloride	4.92	84	267532	22.148	ug/L	92
17) Methyl tert-butyl Ether	5.42	73	284726	23.172	ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	228506	23.978	ug/L	89
19) 1,1-Dichloroethane	6.21	63	510104	26.422	ug/L	99
21) 2-Butanone	7.17	43	193838	52.068	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	247339	23.996	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	102666	24.277	ug/L	91
25) Chloroform	7.68	83	464323	26.182	ug/L	99
27) 1,2-Dichloroethane	8.40	62	330541	27.034	ug/L	96
30) Cyclohexane	7.96	56	455119	24.531	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	352577	24.833	ug/L	97
32) Carbon tetrachloride	8.07	117	314510	24.643	ug/L	99
34) Benzene	8.32	78	1077071	25.155	ug/L	100
35) Trichloroethene	9.09	95	251739	23.719	ug/L	98
36) Methylcyclohexane	9.34	83	437472	23.662	ug/L	95
40) 1,2-Dichloropropane	9.37	63	296783	25.901	ug/L	100
41) Bromodichloromethane	9.64	83	334886	25.502	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	399186	24.534	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	403554	53.711	ug/L	96
44) Toluene	10.38	91	1098184	25.264	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	326309	24.904	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	186493	24.724	ug/L	95
47) Tetrachloroethene	10.86	164	176552	22.639	ug/L	98
49) 2-Hexanone	10.96	43	295014	55.899	ug/L	97
50) Dibromochloromethane	11.13	129	197708	24.388	ug/L	98
51) 1,2-Dibromoethane	11.23	107	166008	23.653	ug/L	99
52) Chlorobenzene	11.65	112	627786	23.622	ug/L	96
53) Ethylbenzene	11.73	91	1188306	24.989	ug/L	98
54) m,p-Xylene	11.83	106	426383	24.547	ug/L	95
55) o-xylene	12.16	106	402341	24.338	ug/L	99
56) Styrene	12.18	104	714215	25.563	ug/L	96
57) Isopropylbenzene	12.46	105	1110157	25.005	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	247198	26.255	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	184854	26.097	ug/L	98
62) Bromoform	12.35	173	102918	23.028	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	461620	23.310	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	465624	23.341	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	424574	23.439	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	38853	25.156	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	318485	22.455	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	251379	22.432	ug/L	99
69) Naphthalene	15.36	128	499047	22.639	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	239978	23.192	ug/L	100

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

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