

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009978.D
 Acq On : 15 Apr 2019 17:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Apr 16 01:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 18:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	648736	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	633154	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	314281	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	170399	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.20%
7) Chloroethane-d5	2.89	69	151888	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
10) 1,1-Dichloroethene-d2	4.02	63	434768	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.28%
20) 2-Butanone-d5	7.07	46	185288	55.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.74%
24) Chloroform-d	7.65	84	461388	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.31	65	293295	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	874794	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	9.27	67	276916	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.96%
37) Toluene-d8	10.32	98	814871	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.68%
38) trans-1,3-Dichloropropene-	10.58	79	138193	26.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.20%
39) 2-Hexanone-d5	10.93	63	149309	60.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	270907	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	293312	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	232784	25.575	ug/L 97
3) Chloromethane	2.22	50	219998	26.518	ug/L 96
5) Vinyl chloride	2.37	62	222435	28.502	ug/L 97
6) Bromomethane	2.78	94	150367	26.090	ug/L 98
8) Chloroethane	2.93	64	148497	26.505	ug/L 98
9) Trichlorofluoromethane	3.26	101	160286	24.948	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	209009	24.985	ug/L 99
12) 1,1-Dichloroethene	4.04	96	205826	26.279	ug/L 91
13) Acetone	4.12	43	152912	51.852	ug/L 99
14) Carbon disulfide	4.38	76	630978	28.420	ug/L 98
15) Methyl Acetate	4.67	43	166260	27.933	ug/L 99
16) Methylene chloride	4.92	84	254719	21.685	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	328139	28.627	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	231017	26.063	ug/L 98
19) 1,1-Dichloroethane	6.21	63	456909	25.860	ug/L 98
21) 2-Butanone	7.17	43	226201	58.577	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	253049	26.306	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	119367	26.645	ug/L	97
25) Chloroform	7.67	83	465102	25.726	ug/L	99
27) 1,2-Dichloroethane	8.40	62	371476	26.689	ug/L	99
30) Cyclohexane	7.95	56	395670	27.650	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	344155	26.027	ug/L	99
32) Carbon tetrachloride	8.07	117	333531	25.691	ug/L	99
34) Benzene	8.32	78	985754	26.429	ug/L	100
35) Trichloroethene	9.09	95	248896	25.665	ug/L	100
36) Methylcyclohexane	9.34	83	420596	26.994	ug/L	98
40) 1,2-Dichloropropane	9.37	63	260862	26.445	ug/L	100
41) Bromodichloromethane	9.65	83	353150	26.223	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	416999	27.420	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	480907	59.194	ug/L	99
44) Toluene	10.38	91	1062924	26.862	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	370513	27.592	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	204965	26.643	ug/L	99
47) Tetrachloroethene	10.86	164	188574	24.893	ug/L	99
49) 2-Hexanone	10.97	43	347096	60.139	ug/L	100
50) Dibromochloromethane	11.13	129	244131	26.734	ug/L	96
51) 1,2-Dibromoethane	11.24	107	206396	27.408	ug/L #	95
52) Chlorobenzene	11.66	112	666634	25.818	ug/L	98
53) Ethylbenzene	11.73	91	1193198	26.979	ug/L	99
54) m,p-Xylene	11.84	106	446201	27.582	ug/L	99
55) o-xylene	12.16	106	427658	27.563	ug/L	96
56) Styrene	12.18	104	752482	27.703	ug/L	99
57) Isopropylbenzene	12.47	105	1140036	27.586	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	279292	27.597	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	212775	28.094	ug/L	100
62) Bromoform	12.35	173	147868	26.792	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	505019	26.596	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	531825	26.064	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	494164	26.523	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	54262	28.779	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	372882	26.809	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	316655	27.791	ug/L	100
69) Naphthalene	15.37	128	756926	30.953	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	309138	28.436	ug/L	99

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

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