

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010135.D
 Acq On : 25 Apr 2019 10:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Apr 26 01:05:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 00:57:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	827695	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	760834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	360802	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	207779	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
7) Chloroethane-d5	2.89	69	177551	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.64%
10) 1,1-Dichloroethene-d2	4.01	63	549734	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.72%
20) 2-Butanone-d5	7.07	46	161082	43.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.22%
24) Chloroform-d	7.64	84	507320	23.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	8.31	65	281102	21.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.24%
29) Benzene-d6	8.27	84	1036493	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	316273	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	947087	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.80%
38) trans-1,3-Dichloropropene-	10.57	79	141172	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.93	63	128676	45.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	250935	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	321166	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	301492	27.076 ug/L	98
3) Chloromethane	2.21	50	221413	25.408 ug/L	100
5) Vinyl chloride	2.37	62	272469	27.675 ug/L	99
6) Bromomethane	2.78	94	159556	26.577 ug/L	99
8) Chloroethane	2.93	64	164020	27.548 ug/L	98
9) Trichlorofluoromethane	3.26	101	147051	27.434 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	254160	24.426 ug/L	99
12) 1,1-Dichloroethene	4.03	96	269863	25.161 ug/L	88
13) Acetone	4.12	43	124820	44.267 ug/L	98
14) Carbon disulfide	4.38	76	817378	26.293 ug/L	99
15) Methyl Acetate	4.67	43	146367	21.939 ug/L	99
16) Methylene chloride	4.91	84	271939	23.441 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	344393	24.326 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	283905	24.922 ug/L	96
19) 1,1-Dichloroethane	6.21	63	519816	24.109 ug/L	99
21) 2-Butanone	7.17	43	187277	42.833 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	305229	25.023 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	133030	24.832	ug/L	94
25) Chloroform	7.67	83	515592	24.222	ug/L	99
27) 1,2-Dichloroethane	8.40	62	352196	22.452	ug/L	96
30) Cyclohexane	7.95	56	508936	25.771	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	409968	25.054	ug/L	98
32) Carbon tetrachloride	8.07	117	396635	24.484	ug/L	99
34) Benzene	8.32	78	1154705	24.951	ug/L	100
35) Trichloroethene	9.09	95	300775	24.643	ug/L	99
36) Methylcyclohexane	9.33	83	534271	26.120	ug/L	98
40) 1,2-Dichloropropane	9.37	63	294465	24.656	ug/L	100
41) Bromodichloromethane	9.64	83	369458	23.939	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	465207	25.047	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	419394	45.578	ug/L	99
44) Toluene	10.38	91	1229832	25.104	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	390743	24.380	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	211591	24.420	ug/L	98
47) Tetrachloroethene	10.86	164	245252	26.334	ug/L	97
49) 2-Hexanone	10.97	43	295586	45.449	ug/L	97
50) Dibromochloromethane	11.13	129	250783	24.155	ug/L	100
51) 1,2-Dibromoethane	11.23	107	207577	24.108	ug/L	98
52) Chlorobenzene	11.66	112	774070	24.973	ug/L	99
53) Ethylbenzene	11.73	91	1393826	25.350	ug/L	100
54) m,p-Xylene	11.84	106	522534	25.692	ug/L	98
55) o-xylene	12.17	106	494536	25.642	ug/L	94
56) Styrene	12.18	104	861456	26.263	ug/L	96
57) Isopropylbenzene	12.46	105	1343856	25.609	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	258090	23.517	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	187444	22.570	ug/L	99
62) Bromoform	12.35	173	140571	23.449	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	582203	25.361	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	594872	24.971	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	537419	25.310	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	41715	21.135	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	440404	26.161	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	360043	26.287	ug/L	99
69) Naphthalene	15.38	128	751666	22.222	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	326852	25.487	ug/L	100

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

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