

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010150.D
 Acq On : 26 Apr 2019 09:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Apr 26 23:16:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	816930	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	753868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	369213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	219398	28.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.36%
7) Chloroethane-d5	2.89	69	174820	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.36%
10) 1,1-Dichloroethene-d2	4.01	63	528189	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.20%
20) 2-Butanone-d5	7.07	46	180462	48.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.88%
24) Chloroform-d	7.64	84	509635	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.30	65	288391	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.68%
29) Benzene-d6	8.27	84	1018913	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.27	67	311946	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.32	98	929189	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	10.57	79	142388	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.88%
39) 2-Hexanone-d5	10.93	63	148091	52.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	269335	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	327846	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	298956	27.203	ug/L 94
3) Chloromethane	2.21	50	223036	25.931	ug/L 93
5) Vinyl chloride	2.37	62	275921	28.395	ug/L 97
6) Bromomethane	2.78	94	156627	26.432	ug/L 100
8) Chloroethane	2.93	64	160473	27.307	ug/L 93
9) Trichlorofluoromethane	3.26	101	146461	27.684	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	240083	23.378	ug/L 96
12) 1,1-Dichloroethene	4.04	96	251344	23.744	ug/L 81
13) Acetone	4.12	43	135380	48.645	ug/L 100
14) Carbon disulfide	4.38	76	751615	24.496	ug/L 100
15) Methyl Acetate	4.67	43	150624	22.875	ug/L 98
16) Methylene chloride	4.92	84	257178	22.461	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	329240	23.563	ug/L 99
18) trans-1,2-Dichloroethene	5.41	96	262274	23.326	ug/L 97
19) 1,1-Dichloroethane	6.21	63	486618	22.867	ug/L 98
21) 2-Butanone	7.17	43	200609	46.487	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	282679	23.480	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	128177	24.241	ug/L	95
25) Chloroform	7.67	83	491484	23.394	ug/L	100
27) 1,2-Dichloroethane	8.40	62	346376	22.372	ug/L	97
30) Cyclohexane	7.95	56	467469	23.890	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	387188	23.881	ug/L	98
32) Carbon tetrachloride	8.06	117	380966	23.734	ug/L	99
34) Benzene	8.32	78	1080981	23.574	ug/L	100
35) Trichloroethene	9.09	95	280535	23.197	ug/L	98
36) Methylcyclohexane	9.34	83	494065	24.378	ug/L	98
40) 1,2-Dichloropropane	9.37	63	278097	23.501	ug/L	100
41) Bromodichloromethane	9.64	83	352889	23.077	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	437652	23.781	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	431408	47.317	ug/L	99
44) Toluene	10.38	91	1159315	23.883	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	378478	23.833	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	204964	23.874	ug/L	98
47) Tetrachloroethene	10.86	164	228054	24.713	ug/L	97
49) 2-Hexanone	10.97	43	318659	49.449	ug/L	96
50) Dibromochloromethane	11.13	129	250027	24.304	ug/L	95
51) 1,2-Dibromoethane	11.23	107	203767	23.885	ug/L	100
52) Chlorobenzene	11.66	112	723503	23.557	ug/L	99
53) Ethylbenzene	11.73	91	1305730	23.967	ug/L	99
54) m,p-Xylene	11.84	106	489633	24.297	ug/L	99
55) o-xylene	12.16	106	465474	24.358	ug/L	99
56) Styrene	12.18	104	804980	24.768	ug/L	99
57) Isopropylbenzene	12.46	105	1261006	24.252	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	261087	24.010	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	195501	23.757	ug/L	99
62) Bromoform	12.35	173	146009	23.801	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	558062	23.756	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	575513	23.608	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	524831	24.154	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	45300	22.429	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	427753	24.831	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	347105	24.765	ug/L	98
69) Naphthalene	15.37	128	753637	21.773	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	324365	24.717	ug/L	100

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

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