

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041519\
 Data File : VW009992.D
 Acq On : 16 Apr 2019 01:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Apr 16 02:51:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	602418	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	587427	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	288415	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152553	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.20%
7) Chloroethane-d5	2.89	69	135096	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	4.03	63	406167	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.92%
20) 2-Butanone-d5	7.07	46	143312	46.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.08%
24) Chloroform-d	7.65	84	427972	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.31	65	265284	24.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
29) Benzene-d6	8.27	84	807388	25.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.04%
33) 1,2-Dichloropropane-d6	9.27	67	254185	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.32	98	751349	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.04%
38) trans-1,3-Dichloropropene-	10.58	79	118898	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
39) 2-Hexanone-d5	10.93	63	114014	50.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	235412	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	263261	24.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	213821	25.298	ug/L 98
3) Chloromethane	2.22	50	185904	24.131	ug/L 98
5) Vinyl chloride	2.37	62	208371	28.753	ug/L 98
6) Bromomethane	2.78	94	137774	25.743	ug/L 98
8) Chloroethane	2.93	64	135429	26.031	ug/L 98
9) Trichlorofluoromethane	3.26	101	124310	20.836	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	192190	24.741	ug/L 97
12) 1,1-Dichloroethene	4.03	96	196174	26.973	ug/L 97
13) Acetone	4.12	43	125702	45.902	ug/L 95
14) Carbon disulfide	4.38	76	573999	27.841	ug/L 99
15) Methyl Acetate	4.67	43	137311	24.843	ug/L 98
16) Methylene chloride	4.92	84	240746	22.071	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	274250	25.765	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	212462	25.812	ug/L 98
19) 1,1-Dichloroethane	6.21	63	427931	26.082	ug/L 99
21) 2-Butanone	7.17	43	186587	52.034	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	235047	26.313	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	107500	25.841	ug/L	98
25) Chloroform	7.67	83	439822	26.198	ug/L	99
27) 1,2-Dichloroethane	8.40	62	338955	26.225	ug/L	98
30) Cyclohexane	7.95	56	352764	26.571	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	317050	25.844	ug/L	99
32) Carbon tetrachloride	8.07	117	313056	25.991	ug/L	99
34) Benzene	8.32	78	925401	26.742	ug/L	100
35) Trichloroethene	9.09	95	235266	26.148	ug/L	99
36) Methylcyclohexane	9.34	83	375025	25.942	ug/L	98
40) 1,2-Dichloropropane	9.37	63	244832	26.752	ug/L	100
41) Bromodichloromethane	9.64	83	326360	26.120	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	376883	26.711	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	400876	53.185	ug/L	99
44) Toluene	10.38	91	1003721	27.340	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	330568	26.534	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	187270	26.238	ug/L	98
47) Tetrachloroethene	10.86	164	176969	25.179	ug/L	98
49) 2-Hexanone	10.97	43	292832	54.686	ug/L	99
50) Dibromochloromethane	11.13	129	219877	25.953	ug/L	99
51) 1,2-Dibromoethane	11.24	107	184089	26.349	ug/L	100
52) Chlorobenzene	11.66	112	626253	26.142	ug/L	99
53) Ethylbenzene	11.73	91	1114084	27.151	ug/L	98
54) m,p-Xylene	11.84	106	415652	27.694	ug/L	96
55) o-xylene	12.17	106	404624	28.108	ug/L	96
56) Styrene	12.18	104	704941	27.973	ug/L	99
57) Isopropylbenzene	12.46	105	1061650	27.689	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	242454	25.822	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	183928	26.175	ug/L	99
62) Bromoform	12.35	173	128635	25.397	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	455280	26.127	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	484491	25.873	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	449564	26.293	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	43854	25.345	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	322646	25.278	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	270930	25.911	ug/L	99
69) Naphthalene	15.37	128	620729	27.660	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	265983	26.660	ug/L	100

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

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