

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002837.D
 Acq On : 24 May 2018 10:20
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:52:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 18:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	318610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	79903	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
7) Chloroethane-d5	2.89	69	74501	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
10) 1,1-Dichloroethene-d2	4.01	63	156961	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.76%
20) 2-Butanone-d5	7.08	46	61705	35.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.72%
24) Chloroform-d	7.65	84	175189	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	8.31	65	101936	21.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.44%
29) Benzene-d6	8.27	84	318273	21.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.04%
33) 1,2-Dichloropropane-d6	9.28	67	104571	21.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.44%
37) Toluene-d8	10.33	98	315478	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.40%
38) trans-1,3-Dichloropropene-	10.59	79	49549	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	49470	35.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	106220	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.16%
61) 1,2-Dichlorobenzene-d4	13.87	152	132031	21.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	60470	30.38	ug/L	90
3) Chloromethane	2.21	50	82589	23.99	ug/L	97
5) Vinyl chloride	2.36	62	132249	22.59	ug/L	100
6) Bromomethane	2.78	94	89942	22.43	ug/L	99
8) Chloroethane	2.92	64	82473	22.13	ug/L	98
9) Trichlorofluoromethane	3.25	101	56739	22.39	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	94280	23.24	ug/L #	67
12) 1,1-Dichloroethene	4.03	96	90628	22.66	ug/L	92
13) Acetone	4.12	43	55811	36.15	ug/L	99
14) Carbon disulfide	4.37	76	280546	22.77	ug/L	99
15) Methyl Acetate	4.67	43	51892	18.46	ug/L	99
16) Methylene chloride	4.91	84	94933	22.02	ug/L	94
17) Methyl tert-butyl Ether	5.42	73	157549	21.36	ug/L	98
18) trans-1,2-Dichloroethene	5.41	96	95163	22.73	ug/L	98
19) 1,1-Dichloroethane	6.21	63	171248	23.31	ug/L	97
21) 2-Butanone	7.17	43	73228	35.84	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	103531	22.59	ug/L	96

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002837.D
 Acq On : 24 May 2018 10:20
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:52:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 18:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.51	128	49909	22.35	ug/L	98
25) Chloroform	7.67	83	182031	22.93	ug/L	99
27) 1,2-Dichloroethane	8.40	62	128108	22.15	ug/L	98
30) Cyclohexane	7.95	56	153556	22.78	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	140017	22.71	ug/L	98
32) Carbon tetrachloride	8.07	117	140560	22.76	ug/L	98
34) Benzene	8.32	78	394620	22.83	ug/L	100
35) Trichloroethene	9.09	95	104841	22.19	ug/L	99
36) Methylcyclohexane	9.34	83	182280	23.35	ug/L	99
40) 1,2-Dichloropropane	9.37	63	102911	22.97	ug/L	99
41) Bromodichloromethane	9.65	83	133951	22.92	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	156975	22.77	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	148708	36.86	ug/L	99
44) Toluene	10.39	91	432739	22.96	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	143243	22.79	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	79362	21.38	ug/L	98
47) Tetrachloroethene	10.87	164	92079	22.53	ug/L	99
49) 2-Hexanone	10.98	43	112142	37.66	ug/L	97
50) Dibromochloromethane	11.13	129	98792	22.05	ug/L	97
51) 1,2-Dibromoethane	11.24	107	79001	20.95	ug/L	95
52) Chlorobenzene	11.66	112	286581	22.94	ug/L	99
53) Ethylbenzene	11.74	91	487693	23.03	ug/L	99
54) m,p-Xylene	11.85	106	187030	23.20	ug/L	98
55) o-xylene	12.18	106	179218	23.39	ug/L	99
56) Styrene	12.19	104	313558	23.36	ug/L	95
57) Isopropylbenzene	12.48	105	485387	23.21	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.73	83	103252	19.74	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	76455	19.43	ug/L	99
62) Bromoform	12.35	173	61829	21.15	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	231239	23.27	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	241502	23.18	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	221919	22.99	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	17387	18.32	ug/L	97
67) 1,3,5-Trichlorobenzene	14.64	180	186321	23.29	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	154894	23.03	ug/L	98
69) Naphthalene	15.38	128	288227	21.18	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	147191	23.31	ug/L	99

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

