

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002855.D
 Acq On : 24 May 2018 18:51
 Operator : JC/SY
 Sample : VSTDCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 07:58:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 25 07:55:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	292431	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	281885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	149917	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	77327	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	2.89	69	69633	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
10) 1,1-Dichloroethene-d2	4.01	63	135057	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.24%
20) 2-Butanone-d5	7.09	46	79212	51.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.56%
24) Chloroform-d	7.65	84	163609	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	98722	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.27	84	289665	21.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.44%
33) 1,2-Dichloropropane-d6	9.28	67	95321	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.00%
37) Toluene-d8	10.33	98	283966	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.84%
38) trans-1,3-Dichloropropene-	10.59	79	44676	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	10.93	63	66386	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	119067	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	13.87	152	123318	22.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.52%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	64512	36.97	ug/L	97
3) Chloromethane	2.21	50	85458	28.31	ug/L	99
5) Vinyl chloride	2.36	62	131942	25.70	ug/L	95
6) Bromomethane	2.77	94	85696	24.38	ug/L	100
8) Chloroethane	2.92	64	77268	23.65	ug/L	98
9) Trichlorofluoromethane	3.24	101	38251	17.22	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	83884	23.59	ug/L #	50
12) 1,1-Dichloroethene	4.02	96	81553	23.26	ug/L	99
13) Acetone	4.12	43	56526	41.77	ug/L	99
14) Carbon disulfide	4.37	76	246719	22.84	ug/L	99
15) Methyl Acetate	4.67	43	63820	25.90	ug/L	99
16) Methylene chloride	4.91	84	87262	23.09	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	152374	23.56	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	85468	23.28	ug/L	98
19) 1,1-Dichloroethane	6.21	63	155368	24.13	ug/L	98
21) 2-Butanone	7.18	43	91621	51.15	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	96486	24.01	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	47025	24.02	ug/L	98
25) Chloroform	7.67	83	168789	24.25	ug/L	99
27) 1,2-Dichloroethane	8.40	62	126266	24.90	ug/L	99
30) Cyclohexane	7.95	56	140517	23.56	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	123390	22.62	ug/L	98
32) Carbon tetrachloride	8.07	117	126025	23.07	ug/L	98
34) Benzene	8.32	78	363660	23.78	ug/L	100
35) Trichloroethene	9.09	95	96699	23.13	ug/L	98
36) Methylcyclohexane	9.34	83	162168	23.48	ug/L	98
40) 1,2-Dichloropropane	9.37	63	95239	24.02	ug/L	100
41) Bromodichloromethane	9.65	83	125447	24.27	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	142103	23.30	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	186540	52.27	ug/L	98
44) Toluene	10.39	91	398365	23.89	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	132146	23.77	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	80442	24.49	ug/L	97
47) Tetrachloroethene	10.87	164	83976	23.22	ug/L	99
49) 2-Hexanone	10.98	43	140263	53.24	ug/L	97
50) Dibromochloromethane	11.13	129	96199	24.26	ug/L	97
51) 1,2-Dibromoethane	11.24	107	80697	24.18	ug/L	100
52) Chlorobenzene	11.66	112	261086	23.62	ug/L	99
53) Ethylbenzene	11.74	91	445813	23.79	ug/L	100
54) m,p-Xylene	11.85	106	171074	23.98	ug/L	98
55) o-xylene	12.18	106	161020	23.76	ug/L	97
56) Styrene	12.19	104	287817	24.24	ug/L	100
57) Isopropylbenzene	12.48	105	441650	23.87	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.73	83	114378	24.72	ug/L	98
59) 1,2,3-Trichloropropane	12.78	75	88449	25.41	ug/L	100
62) Bromoform	12.35	173	64879	24.68	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	209024	23.39	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	221140	23.61	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	207563	23.91	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21707	25.43	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	168907	23.48	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	141097	23.33	ug/L	97
69) Naphthalene	15.38	128	321843	26.30	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	140225	24.69	ug/L	98

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

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