

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002795.D
 Acq On : 22 May 2018 19:49
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 05:41:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 12:32:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305592	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	290140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	91584	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	84443	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.01	63	163766	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.40%
20) 2-Butanone-d5	7.08	46	72453	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	184756	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	110887	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	8.27	84	342459	24.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.28%
33) 1,2-Dichloropropane-d6	9.28	67	112329	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.76%
37) Toluene-d8	10.33	98	341003	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.59	79	53752	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	62051	49.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	121810	24.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.68%
61) 1,2-Dichlorobenzene-d4	13.87	152	141695	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	2.00	85	50002	27.42	ug/L	97
3) Chloromethane	2.21	50	78922	25.02	ug/L	98
5) Vinyl chloride	2.36	62	130007	24.24	ug/L	97
6) Bromomethane	2.77	94	89656	24.41	ug/L	100
8) Chloroethane	2.92	64	81587	23.90	ug/L	97
9) Trichlorofluoromethane	3.25	101	48047	20.70	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	90973	24.48	ug/L #	71
12) 1,1-Dichloroethene	4.03	96	86666	23.65	ug/L	92
13) Acetone	4.12	43	52102	36.84	ug/L	99
14) Carbon disulfide	4.37	76	267940	23.73	ug/L	98
15) Methyl Acetate	4.67	43	55484	21.55	ug/L	100
16) Methylene chloride	4.90	84	93058	23.56	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	162204	24.00	ug/L #	90
18) trans-1,2-Dichloroethene	5.41	96	90608	23.62	ug/L	95
19) 1,1-Dichloroethane	6.21	63	161872	24.06	ug/L	99
21) 2-Butanone	7.18	43	76110	40.66	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	99994	23.81	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	49003	23.95	ug/L	97
25) Chloroform	7.68	83	174008	23.92	ug/L	100
27) 1,2-Dichloroethane	8.40	62	128102	24.17	ug/L	96
30) Cyclohexane	7.95	56	145366	23.68	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	130674	23.28	ug/L	98
32) Carbon tetrachloride	8.07	117	133384	23.72	ug/L	99
34) Benzene	8.32	78	376958	23.95	ug/L	100
35) Trichloroethene	9.10	95	99380	23.10	ug/L	99
36) Methylcyclohexane	9.34	83	170357	23.97	ug/L	100
40) 1,2-Dichloropropane	9.37	63	99646	24.42	ug/L	100
41) Bromodichloromethane	9.65	83	129393	24.32	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	151640	24.15	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	167122	45.49	ug/L	99
44) Toluene	10.40	91	412643	24.04	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	138254	24.16	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	80376	23.78	ug/L	96
47) Tetrachloroethene	10.87	164	86608	23.27	ug/L	97
49) 2-Hexanone	10.98	43	122810	45.29	ug/L	97
50) Dibromochloromethane	11.13	129	98070	24.03	ug/L	97
51) 1,2-Dibromoethane	11.24	107	82046	23.89	ug/L	100
52) Chlorobenzene	11.66	112	271642	23.88	ug/L	98
53) Ethylbenzene	11.74	91	461489	23.93	ug/L	98
54) m,p-Xylene	11.85	106	176291	24.01	ug/L	98
55) o-xylene	12.18	106	169966	24.36	ug/L	98
56) Styrene	12.19	104	302723	24.77	ug/L	98
57) Isopropylbenzene	12.48	105	457816	24.04	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.73	83	112206	23.56	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	82800	23.11	ug/L	98
62) Bromoform	12.36	173	64579	23.61	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	220066	23.68	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	230942	23.70	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	220143	24.38	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.50	75	19837	22.34	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	178965	23.92	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	151886	24.15	ug/L	99
69) Naphthalene	15.38	128	313515	24.63	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	147092	24.90	ug/L	99

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

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