

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012419\
 Data File : VV009266.D
 Acq On : 24 Jan 2019 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 24 23:57:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 23:18:07 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	50.000	50.296	-0.6	103	0.00
3 P	Chloromethane	50.000	47.873	4.3	106	0.00
4 C	Vinyl Chloride	50.000	46.583	6.8#	101	0.00
5 T	Bromomethane	50.000	45.892	8.2	106	0.00
6 T	Chloroethane	50.000	45.908	8.2	103	0.00
7 T	Trichlorofluoromethane	50.000	44.183	11.6	100	0.00
8 T	Diethyl Ether	50.000	46.942	6.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.192	9.6	98	0.00
10 T	Methyl Iodide	50.000	47.982	4.0	109	0.00
11 T	Tert butyl alcohol	250.000	217.220	13.1	106	0.00
12 CM	1,1-Dichloroethene	50.000	45.311	9.4#	102	0.00
13 T	Acrolein	250.000	206.411	17.4	89	0.00
14 T	Allyl chloride	50.000	46.647	6.7	109	0.00
15 T	Acrylonitrile	250.000	233.343	6.7	104	0.00
16 T	Acetone	250.000	164.052	34.4#	82	0.00
17 T	Carbon Disulfide	50.000	47.788	4.4	105	0.00
18 T	Methyl Acetate	50.000	44.572	10.9	105	0.00
19 T	Methyl tert-butyl Ether	50.000	46.403	7.2	104	0.00
20 T	Methylene Chloride	50.000	45.048	9.9	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.461	7.1	109	0.00
22 T	Diisopropyl ether	50.000	46.326	7.3	108	0.00
23 T	Vinyl Acetate	250.000	229.890	8.0	103	0.00
24 P	1,1-Dichloroethane	50.000	45.748	8.5	107	0.00
25 T	2-Butanone	250.000	201.738	19.3	94	0.00
26 T	2,2-Dichloropropane	50.000	44.226	11.5	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.375	7.2	107	0.00
28 T	Bromochloromethane	50.000	52.660	-5.3	112	0.00
29 T	Tetrahydrofuran	250.000	218.407	12.6	97	0.00
30 C	Chloroform	50.000	46.453	7.1#	109	0.00
31 T	Cyclohexane	50.000	42.130	15.7	101	0.00
32 T	1,1,1-Trichloroethane	50.000	45.473	9.1	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.542	2.9	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35 S	Dibromofluoromethane	50.000	47.597	4.8	103	0.00
36 T	1,1-Dichloropropene	50.000	43.804	12.4	103	0.00
37 T	Ethyl Acetate	50.000	38.287	23.4#	98	0.00
38 T	Carbon Tetrachloride	50.000	43.111	13.8	104	0.00
39 T	Methylcyclohexane	50.000	41.429	17.1	97	0.00
40 TM	Benzene	50.000	44.752	10.5	107	0.00
41 T	Methacrylonitrile	50.000	43.745	12.5	101	0.00
42 TM	1,2-Dichloroethane	50.000	43.254	13.5	104	0.00
43 T	Isopropyl Acetate	50.000	43.130	13.7	98	0.00
44 TM	Trichloroethene	50.000	44.217	11.6	108	0.00
45 C	1,2-Dichloropropane	50.000	45.669	8.7#	111	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	44.747	10.5	104	0.00
47 T	Bromodichloromethane	50.000	45.330	9.3	108	0.00
48 T	Methyl methacrylate	50.000	44.310	11.4	103	0.00
49 T	1,4-Dioxane	1000.000	919.343	8.1	101	0.00
50 S	Toluene-d8	50.000	47.530	4.9	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.011	13.6	100	0.00
52 CM	Toluene	50.000	44.993	10.0#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	44.569	10.9	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.935	8.1	108	0.00
55 T	1,1,2-Trichloroethane	50.000	45.687	8.6	106	0.00
56 T	Ethyl methacrylate	50.000	45.657	8.7	105	0.00
57 T	1,3-Dichloropropane	50.000	45.178	9.6	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	160.361	35.9#	155	0.00
59 T	2-Hexanone	250.000	204.791	18.1	95	0.00
60 T	Dibromochloromethane	50.000	44.930	10.1	105	0.00
61 T	1,2-Dibromoethane	50.000	45.239	9.5	107	0.00
62 S	4-Bromofluorobenzene	50.000	47.660	4.7	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64 T	Tetrachloroethene	50.000	45.305	9.4	111	0.00
65 PM	Chlorobenzene	50.000	43.412	13.2	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.696	10.6	108	0.00
67 C	Ethyl Benzene	50.000	44.558	10.9#	109	0.00
68 T	m/p-Xylenes	100.000	89.737	10.3	107	0.00
69 T	o-Xylene	50.000	45.066	9.9	109	0.00
70 T	Styrene	50.000	46.419	7.2	110	0.00
71 P	Bromoform	50.000	44.000	12.0	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	43.963	12.1	106	0.00
74 T	N-amyl acetate	50.000	43.251	13.5	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.999	14.0	101	0.00
76 T	1,2,3-Trichloropropane	50.000	42.654	14.7	104	0.00
77 T	Bromobenzene	50.000	44.914	10.2	109	0.00
78 T	n-propylbenzene	50.000	44.002	12.0	106	0.00
79 T	2-Chlorotoluene	50.000	44.133	11.7	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.505	9.0	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.986	10.0	102	0.00
82 T	4-Chlorotoluene	50.000	44.300	11.4	108	0.00
83 T	tert-Butylbenzene	50.000	43.662	12.7	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.897	10.2	109	0.00
85 T	sec-Butylbenzene	50.000	43.169	13.7	105	0.00
86 T	p-Isopropyltoluene	50.000	43.927	12.1	107	0.00
87 T	1,3-Dichlorobenzene	50.000	44.149	11.7	109	0.00
88 T	1,4-Dichlorobenzene	50.000	43.949	12.1	109	0.00
89 T	n-Butylbenzene	50.000	42.745	14.5	105	0.00

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90 T	Hexachloroethane	50.000	43.872	12.3	109	0.00
91 T	1,2-Dichlorobenzene	50.000	43.995	12.0	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.329	13.3	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.556	14.9	105	0.00
94 T	Hexachlorobutadiene	50.000	42.938	14.1	107	0.00
95 T	Naphthalene	50.000	42.223	15.6	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.615	12.8	107	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6