

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016940.D
 Acq On : 09 Jan 2024 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	96	0.01
2 T	Dichlorodifluoromethane	50.000	43.618	12.8	82	0.00
3 P	Chloromethane	50.000	44.946	10.1	85	0.01
4 C	Vinyl Chloride	50.000	47.171	5.7#	88	0.01
5 T	Bromomethane	50.000	45.647	8.7	90	0.01
6 T	Chloroethane	50.000	47.518	5.0	89	0.00
7 T	Trichlorofluoromethane	50.000	48.784	2.4	91	0.01
8 T	Diethyl Ether	50.000	49.304	1.4	89	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.556	2.9	92	0.01
10 T	Methyl Iodide	50.000	52.434	-4.9	90	0.01
11 T	Tert butyl alcohol	250.000	255.876	-2.4	94	0.01
12 CM	1,1-Dichloroethene	50.000	49.946	0.1#	93	0.01
13 T	Acrolein	250.000	215.221	13.9	84	0.01
14 T	Allyl chloride	50.000	51.618	-3.2	94	0.01
15 T	Acrylonitrile	250.000	262.181	-4.9	97	0.01
16 T	Acetone	250.000	271.843	-8.7	101	0.01
17 T	Carbon Disulfide	50.000	46.132	7.7	81	0.01
18 T	Methyl Acetate	50.000	58.313	-16.6	97	0.00
19 T	Methyl tert-butyl Ether	50.000	53.445	-6.9	96	0.02
20 T	Methylene Chloride	50.000	43.434	13.1	83	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.149	-0.3	91	0.01
22 T	Diisopropyl ether	50.000	53.670	-7.3	95	0.01
23 T	Vinyl Acetate	250.000	255.121	-2.0	93	0.01
24 P	1,1-Dichloroethane	50.000	51.317	-2.6	94	0.01
25 T	2-Butanone	250.000	260.476	-4.2	96	0.01
26 T	2,2-Dichloropropane	50.000	51.683	-3.4	96	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.604	-3.2	94	0.00
28 T	Bromochloromethane	50.000	52.268	-4.5	88	0.01
29 T	Tetrahydrofuran	250.000	265.994	-6.4	96	0.00
30 C	Chloroform	50.000	50.907	-1.8#	94	0.01
31 T	Cyclohexane	50.000	47.967	4.1	90	0.01
32 T	1,1,1-Trichloroethane	50.000	50.986	-2.0	94	0.01
33 S	1,2-Dichloroethane-d4	50.000	46.679	6.6	89	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.692	4.6	89	0.01
36 T	1,1-Dichloropropene	50.000	51.387	-2.8	92	0.01
37 T	Ethyl Acetate	50.000	51.789	-3.6	94	0.01
38 T	Carbon Tetrachloride	50.000	51.236	-2.5	93	0.01
39 T	Methylcyclohexane	50.000	49.947	0.1	86	0.01
40 TM	Benzene	50.000	51.699	-3.4	93	0.01
41 T	Methacrylonitrile	50.000	53.676	-7.4	107	0.00
42 TM	1,2-Dichloroethane	50.000	51.399	-2.8	94	0.00
43 T	Isopropyl Acetate	50.000	52.190	-4.4	95	0.01
44 TM	Trichloroethene	50.000	51.330	-2.7	92	0.01
45 C	1,2-Dichloropropane	50.000	52.179	-4.4#	94	0.00
46 T	Dibromomethane	50.000	51.957	-3.9	95	0.01
47 T	Bromodichloromethane	50.000	51.709	-3.4	94	0.00
48 T	Methyl methacrylate	50.000	53.319	-6.6	93	0.01

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1080.284	-8.0	101	0.00
50 S	Toluene-d8	50.000	49.713	0.6	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.470	-8.6	95	0.00
52 CM	Toluene	50.000	52.763	-5.5#	94	0.01
53 T	t-1,3-Dichloropropene	50.000	53.320	-6.6	95	0.01
54 T	cis-1,3-Dichloropropene	50.000	52.620	-5.2	94	0.00
55 T	1,1,2-Trichloroethane	50.000	52.079	-4.2	95	0.00
56 T	Ethyl methacrylate	50.000	55.055	-10.1	96	0.00
57 T	1,3-Dichloropropane	50.000	51.956	-3.9	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.690	-3.9	98	0.01
59 T	2-Hexanone	250.000	257.787	-3.1	96	0.00
60 T	Dibromochloromethane	50.000	51.588	-3.2	93	0.00
61 T	1,2-Dibromoethane	50.000	52.356	-4.7	93	0.00
62 S	4-Bromofluorobenzene	50.000	47.336	5.3	89	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	49.839	0.3	89	0.01
65 PM	Chlorobenzene	50.000	52.968	-5.9	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.338	-6.7	95	0.00
67 C	Ethyl Benzene	50.000	53.761	-7.5#	93	0.01
68 T	m/p-Xylenes	100.000	109.127	-9.1	94	0.01
69 T	o-Xylene	50.000	54.231	-8.5	93	0.01
70 T	Styrene	50.000	55.937	-11.9	94	0.01
71 P	Bromoform	50.000	53.858	-7.7	94	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.01
73 T	Isopropylbenzene	50.000	54.222	-8.4	94	0.01
74 T	N-amyl acetate	50.000	55.243	-10.5	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.626	-3.3	96	0.00
76 T	1,2,3-Trichloropropane	50.000	52.619	-5.2	86	0.00
77 T	Bromobenzene	50.000	52.088	-4.2	94	0.01
78 T	n-propylbenzene	50.000	53.115	-6.2	92	0.01
79 T	2-Chlorotoluene	50.000	52.821	-5.6	94	0.01
80 T	1,3,5-Trimethylbenzene	50.000	53.688	-7.4	93	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.454	-6.9	98	0.01
82 T	4-Chlorotoluene	50.000	53.076	-6.2	94	0.01
83 T	tert-Butylbenzene	50.000	54.297	-8.6	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.153	-8.3	94	0.00
85 T	sec-Butylbenzene	50.000	53.020	-6.0	92	0.00
86 T	p-Isopropyltoluene	50.000	53.920	-7.8	92	0.00
87 T	1,3-Dichlorobenzene	50.000	52.715	-5.4	95	0.01
88 T	1,4-Dichlorobenzene	50.000	52.353	-4.7	95	0.01
89 T	n-Butylbenzene	50.000	54.159	-8.3	93	0.01
90 T	Hexachloroethane	50.000	51.964	-3.9	94	0.00
91 T	1,2-Dichlorobenzene	50.000	52.235	-4.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.088	-2.2	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.378	-14.8	98	0.00
94 T	Hexachlorobutadiene	50.000	52.414	-4.8	93	0.00
95 T	Naphthalene	50.000	57.665	-15.3	100	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.210	-14.4	98	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 6