

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018553.D
 Acq On : 11 Jun 2024 13:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 12 02:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	42.028	15.9	78	0.00
3 P	Chloromethane	50.000	55.549	-11.1	98	0.00
4 C	Vinyl Chloride	50.000	56.996	-14.0#	99	0.00
5 T	Bromomethane	50.000	51.485	-3.0	92	0.00
6 T	Chloroethane	50.000	57.158	-14.3	96	0.00
7 T	Trichlorofluoromethane	50.000	51.747	-3.5	90	0.00
8 T	Diethyl Ether	50.000	51.726	-3.5	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.736	2.5	87	0.00
10 T	Methyl Iodide	50.000	52.260	-4.5	85	0.01
11 T	Tert butyl alcohol	250.000	178.315	28.7#	67	0.00
12 CM	1,1-Dichloroethene	50.000	48.975	2.0#	86	0.00
13 T	Acrolein	250.000	189.946	24.0	45	0.00
14 T	Allyl chloride	50.000	57.767	-15.5	95	0.00
15 T	Acrylonitrile	250.000	267.614	-7.0	86	0.00
16 T	Acetone	250.000	320.074	-28.0#	95	0.00
17 T	Carbon Disulfide	50.000	48.043	3.9	85	0.00
18 T	Methyl Acetate	50.000	53.837	-7.7	93	0.00
19 T	Methyl tert-butyl Ether	50.000	52.258	-4.5	85	0.00
20 T	Methylene Chloride	50.000	49.994	0.0	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.992	-4.0	87	0.01
22 T	Diisopropyl ether	50.000	61.590	-23.2	99	0.00
23 T	Vinyl Acetate	250.000	294.705	-17.9	92	0.00
24 P	1,1-Dichloroethane	50.000	56.522	-13.0	94	0.00
25 T	2-Butanone	250.000	287.390	-15.0	85	0.00
26 T	2,2-Dichloropropane	50.000	52.873	-5.7	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.837	-7.7	89	0.00
28 T	Bromochloromethane	50.000	54.055	-8.1	83	0.00
29 T	Tetrahydrofuran	250.000	276.138	-10.5	89	0.00
30 C	Chloroform	50.000	56.446	-12.9#	94	0.00
31 T	Cyclohexane	50.000	52.937	-5.9	91	0.00
32 T	1,1,1-Trichloroethane	50.000	55.995	-12.0	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.408	11.2	72	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	44.740	10.5	70	0.00
36 T	1,1-Dichloropropene	50.000	55.442	-10.9	92	0.00
37 T	Ethyl Acetate	50.000	55.882	-11.8	91	0.00
38 T	Carbon Tetrachloride	50.000	53.037	-6.1	91	0.00
39 T	Methylcyclohexane	50.000	52.910	-5.8	91	0.00
40 TM	Benzene	50.000	56.694	-13.4	93	0.00
41 T	Methacrylonitrile	50.000	62.342	-24.7	98	0.01
42 TM	1,2-Dichloroethane	50.000	55.628	-11.3	90	0.00
43 T	Isopropyl Acetate	50.000	57.191	-14.4	88	0.00
44 TM	Trichloroethene	50.000	52.508	-5.0	89	0.00
45 C	1,2-Dichloropropane	50.000	58.542	-17.1#	94	0.00
46 T	Dibromomethane	50.000	54.055	-8.1	88	0.00
47 T	Bromodichloromethane	50.000	55.977	-12.0	90	0.00
48 T	Methyl methacrylate	50.000	55.594	-11.2	88	0.00

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

49 T	1,4-Dioxane	1000.000	1033.387	-3.3	86	0.00
50 S	Toluene-d8	50.000	45.801	8.4	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.159	-17.7	88	0.00
52 CM	Toluene	50.000	57.500	-15.0#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	57.170	-14.3	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.088	-14.2	92	0.00
55 T	1,1,2-Trichloroethane	50.000	55.779	-11.6	86	0.00
56 T	Ethyl methacrylate	50.000	57.181	-14.4	86	0.00
57 T	1,3-Dichloropropane	50.000	58.997	-18.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.512	3.8	69	0.00
59 T	2-Hexanone	250.000	309.965	-24.0	89	0.00
60 T	Dibromochloromethane	50.000	54.394	-8.8	87	0.00
61 T	1,2-Dibromoethane	50.000	55.682	-11.4	88	0.00
62 S	4-Bromofluorobenzene	50.000	47.037	5.9	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	49.056	1.9	89	0.00
65 PM	Chlorobenzene	50.000	52.996	-6.0	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.489	-5.0	90	0.00
67 C	Ethyl Benzene	50.000	56.202	-12.4#	95	0.00
68 T	m/p-Xylenes	100.000	111.704	-11.7	94	0.00
69 T	o-Xylene	50.000	53.636	-7.3	93	0.00
70 T	Styrene	50.000	56.744	-13.5	94	0.00
71 P	Bromoform	50.000	48.262	3.5	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	53.846	-7.7	94	0.00
74 T	N-amyl acetate	50.000	55.177	-10.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.525	-5.0	89	0.00
76 T	1,2,3-Trichloropropane	50.000	53.654	-7.3	97	0.00
77 T	Bromobenzene	50.000	49.667	0.7	87	0.00
78 T	n-propylbenzene	50.000	54.835	-9.7	98	0.00
79 T	2-Chlorotoluene	50.000	54.573	-9.1	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.104	-8.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.659	-3.3	86	0.00
82 T	4-Chlorotoluene	50.000	55.171	-10.3	103	0.00
83 T	tert-Butylbenzene	50.000	53.329	-6.7	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.051	-12.1	103	0.00
85 T	sec-Butylbenzene	50.000	54.447	-8.9	100	0.00
86 T	p-Isopropyltoluene	50.000	55.426	-10.9	100	0.00
87 T	1,3-Dichlorobenzene	50.000	52.984	-6.0	93	0.00
88 T	1,4-Dichlorobenzene	50.000	53.509	-7.0	96	0.00
89 T	n-Butylbenzene	50.000	55.817	-11.6	105	0.00
90 T	Hexachloroethane	50.000	51.190	-2.4	94	0.00
91 T	1,2-Dichlorobenzene	50.000	52.268	-4.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.733	8.5	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.585	4.8	87	0.00
94 T	Hexachlorobutadiene	50.000	44.363	11.3	86	0.00
95 T	Naphthalene	50.000	48.266	3.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.620	6.8	85	0.00

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