

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020029.D
 Acq On : 28 Oct 2024 09:29
 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: Oct 29 01:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 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	55	0.01
2 T	Dichlorodifluoromethane	50.000	41.553	16.9	46	0.00
3 P	Chloromethane	50.000	49.134	1.7	53	0.01
4 C	Vinyl Chloride	50.000	50.058	-0.1#	53	0.00
5 T	Bromomethane	50.000	53.264	-6.5	57	0.01
6 T	Chloroethane	50.000	53.992	-8.0	58	0.00
7 T	Trichlorofluoromethane	50.000	50.195	-0.4	54	0.01
8 T	Diethyl Ether	50.000	46.525	7.0	49	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.293	-2.6	56	0.02
10 T	Methyl Iodide	50.000	46.709	6.6	47	0.01
11 T	Tert butyl alcohol	250.000	178.815	28.5#	40	0.02
12 CM	1,1-Dichloroethene	50.000	48.413	3.2#	52	0.02
13 T	Acrolein	250.000	102.486	59.0#	25	0.02
14 T	Allyl chloride	50.000	53.095	-6.2	56	0.02
15 T	Acrylonitrile	250.000	252.807	-1.1	53	0.02
16 T	Acetone	250.000	286.756	-14.7	59	0.01
17 T	Carbon Disulfide	50.000	41.377	17.2	42	0.02
18 T	Methyl Acetate	50.000	54.563	-9.1	59	0.02
19 T	Methyl tert-butyl Ether	50.000	50.218	-0.4	54	0.01
20 T	Methylene Chloride	50.000	52.431	-4.9	55	0.02
21 T	trans-1,2-Dichloroethene	50.000	50.369	-0.7	53	0.02
22 T	Diisopropyl ether	50.000	57.195	-14.4	61	0.01
23 T	Vinyl Acetate	250.000	257.885	-3.2	53	0.02
24 P	1,1-Dichloroethane	50.000	56.333	-12.7	60	0.01
25 T	2-Butanone	250.000	260.783	-4.3	55	0.02
26 T	2,2-Dichloropropane	50.000	54.627	-9.3	60	0.02
27 T	cis-1,2-Dichloroethene	50.000	53.542	-7.1	57	0.01
28 T	Bromochloromethane	50.000	52.071	-4.1	56	0.01
29 T	Tetrahydrofuran	250.000	240.906	3.6	51	0.01
30 C	Chloroform	50.000	57.193	-14.4#	61	0.01
31 T	Cyclohexane	50.000	48.520	3.0	54	0.01
32 T	1,1,1-Trichloroethane	50.000	56.261	-12.5	60	0.01
33 S	1,2-Dichloroethane-d4	50.000	49.972	0.1	58	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	55	0.01
35 S	Dibromofluoromethane	50.000	53.961	-7.9	61	0.01
36 T	1,1-Dichloropropene	50.000	54.300	-8.6	57	0.01
37 T	Ethyl Acetate	50.000	48.434	3.1	51	0.01
38 T	Carbon Tetrachloride	50.000	55.562	-11.1	59	0.01
39 T	Methylcyclohexane	50.000	50.535	-1.1	53	0.00
40 TM	Benzene	50.000	55.502	-11.0	59	0.01
41 T	Methacrylonitrile	50.000	55.435	-10.9	52	0.01
42 TM	1,2-Dichloroethane	50.000	54.043	-8.1	57	0.01
43 T	Isopropyl Acetate	50.000	50.350	-0.7	53	0.01
44 TM	Trichloroethene	50.000	53.575	-7.2	56	0.01
45 C	1,2-Dichloropropane	50.000	56.998	-14.0#	61	0.01
46 T	Dibromomethane	50.000	52.665	-5.3	56	0.00
47 T	Bromodichloromethane	50.000	57.373	-14.7	60	0.00
48 T	Methyl methacrylate	50.000	51.738	-3.5	53	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	952.008	4.8	48	0.00
50 S	Toluene-d8	50.000	52.284	-4.6	59	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.904	-3.2	54	0.00
52 CM	Toluene	50.000	56.497	-13.0#	59	0.00
53 T	t-1,3-Dichloropropene	50.000	54.321	-8.6	56	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.911	-9.8	58	0.00
55 T	1,1,2-Trichloroethane	50.000	53.729	-7.5	57	0.00
56 T	Ethyl methacrylate	50.000	51.720	-3.4	52	0.00
57 T	1,3-Dichloropropane	50.000	54.361	-8.7	57	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.525	-10.6	61	0.00
59 T	2-Hexanone	250.000	264.753	-5.9	54	0.00
60 T	Dibromochloromethane	50.000	53.776	-7.6	57	0.00
61 T	1,2-Dibromoethane	50.000	50.950	-1.9	53	0.00
62 S	4-Bromofluorobenzene	50.000	51.997	-4.0	59	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	55	0.00
64 T	Tetrachloroethene	50.000	49.663	0.7	52	0.00
65 PM	Chlorobenzene	50.000	55.011	-10.0	59	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.920	-13.8	60	0.00
67 C	Ethyl Benzene	50.000	56.751	-13.5#	59	0.00
68 T	m/p-Xylenes	100.000	110.508	-10.5	58	0.00
69 T	o-Xylene	50.000	54.869	-9.7	57	0.00
70 T	Styrene	50.000	56.879	-13.8	59	0.00
71 P	Bromoform	50.000	52.419	-4.8	54	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	54	0.00
73 T	Isopropylbenzene	50.000	56.664	-13.3	61	0.00
74 T	N-amyl acetate	50.000	48.768	2.5	50	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.184	-4.4	55	0.00
76 T	1,2,3-Trichloropropane	50.000	23.169	53.7#	25	0.00
77 T	Bromobenzene	50.000	51.940	-3.9	55	0.00
78 T	n-propylbenzene	50.000	57.434	-14.9	61	0.00
79 T	2-Chlorotoluene	50.000	56.075	-12.2	60	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.547	-11.1	59	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.548	-3.1	54	0.00
82 T	4-Chlorotoluene	50.000	55.488	-11.0	59	0.00
83 T	tert-Butylbenzene	50.000	57.504	-15.0	61	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.630	-11.3	59	0.00
85 T	sec-Butylbenzene	50.000	57.270	-14.5	60	0.00
86 T	p-Isopropyltoluene	50.000	56.301	-12.6	59	0.00
87 T	1,3-Dichlorobenzene	50.000	53.454	-6.9	57	0.00
88 T	1,4-Dichlorobenzene	50.000	53.256	-6.5	57	0.00
89 T	n-Butylbenzene	50.000	57.042	-14.1	58	0.00
90 T	Hexachloroethane	50.000	59.200	-18.4	63	0.00
91 T	1,2-Dichlorobenzene	50.000	52.355	-4.7	56	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.978	6.0	50	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.641	2.7	49	0.00
94 T	Hexachlorobutadiene	50.000	48.490	3.0	49	0.00
95 T	Naphthalene	50.000	46.315	7.4	46	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.596	4.8	47	0.00

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