

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021018.D
 Acq On : 31 Jan 2025 18:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 22:28:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	44.010	12.0	82	0.00
3 P	Chloromethane	50.000	41.059	17.9	81	0.00
4 C	Vinyl Chloride	50.000	41.381	17.2#	77	0.00
5 T	Bromomethane	50.000	49.829	0.3	95	0.00
6 T	Chloroethane	50.000	45.200	9.6	85	0.00
7 T	Trichlorofluoromethane	50.000	45.048	9.9	85	0.00
8 T	Diethyl Ether	50.000	57.762	-15.5	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.979	8.0	87	0.00
10 T	Methyl Iodide	50.000	50.313	-0.6	91	0.00
11 T	Tert butyl alcohol	250.000	250.091	-0.0	127	-0.02
12 CM	1,1-Dichloroethene	50.000	48.405	3.2#	90	-0.01
13 T	Acrolein	250.000	231.889	7.2	98	0.00
14 T	Allyl chloride	50.000	46.376	7.2	87	0.00
15 T	Acrylonitrile	250.000	274.360	-9.7	113	-0.01
16 T	Acetone	250.000	262.963	-5.2	112	0.00
17 T	Carbon Disulfide	50.000	47.271	5.5	88	0.00
18 T	Methyl Acetate	50.000	55.460	-10.9	112	-0.01
19 T	Methyl tert-butyl Ether	50.000	57.031	-14.1	111	-0.01
20 T	Methylene Chloride	50.000	52.351	-4.7	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.235	-2.5	95	-0.01
22 T	Diisopropyl ether	50.000	49.694	0.6	93	0.00
23 T	Vinyl Acetate	250.000	256.512	-2.6	99	-0.01
24 P	1,1-Dichloroethane	50.000	50.082	-0.2	95	0.00
25 T	2-Butanone	250.000	262.089	-4.8	107	-0.01
26 T	2,2-Dichloropropane	50.000	42.594	14.8	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.381	-6.8	100	0.00
28 T	Bromochloromethane	50.000	51.093	-2.2	94	0.00
29 T	Tetrahydrofuran	250.000	258.768	-3.5	104	0.00
30 C	Chloroform	50.000	52.088	-4.2#	98	0.00
31 T	Cyclohexane	50.000	40.457	19.1	78	0.00
32 T	1,1,1-Trichloroethane	50.000	49.086	1.8	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.081	-0.2	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	50.315	-0.6	90	0.00
36 T	1,1-Dichloropropene	50.000	45.197	9.6	87	0.00
37 T	Ethyl Acetate	50.000	50.547	-1.1	105	0.00
38 T	Carbon Tetrachloride	50.000	47.604	4.8	92	0.00
39 T	Methylcyclohexane	50.000	43.695	12.6	82	0.00
40 TM	Benzene	50.000	48.910	2.2	94	0.00
41 T	Methacrylonitrile	50.000	55.094	-10.2	107	0.00
42 TM	1,2-Dichloroethane	50.000	51.413	-2.8	102	0.00
43 T	Isopropyl Acetate	50.000	50.095	-0.2	101	0.00
44 TM	Trichloroethene	50.000	48.893	2.2	95	0.00
45 C	1,2-Dichloropropane	50.000	48.302	3.4#	93	0.00
46 T	Dibromomethane	50.000	51.683	-3.4	104	0.00
47 T	Bromodichloromethane	50.000	50.716	-1.4	100	0.00
48 T	Methyl methacrylate	50.000	48.864	2.3	98	0.00

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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	1126.099	-12.6	126	0.00
50 S	Toluene-d8	50.000	47.467	5.1	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.977	-1.2	104	0.00
52 CM	Toluene	50.000	49.914	0.2#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	52.087	-4.2	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.023	-0.0	97	0.00
55 T	1,1,2-Trichloroethane	50.000	52.634	-5.3	107	0.00
56 T	Ethyl methacrylate	50.000	56.129	-12.3	111	0.00
57 T	1,3-Dichloropropane	50.000	51.803	-3.6	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.811	-17.9	120	0.00
59 T	2-Hexanone	250.000	260.218	-4.1	106	0.00
60 T	Dibromochloromethane	50.000	54.049	-8.1	109	0.00
61 T	1,2-Dibromoethane	50.000	53.804	-7.6	111	0.00
62 S	4-Bromofluorobenzene	50.000	51.228	-2.5	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	45.794	8.4	93	0.00
65 PM	Chlorobenzene	50.000	49.465	1.1	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.331	-2.7	104	0.00
67 C	Ethyl Benzene	50.000	47.509	5.0#	93	0.00
68 T	m/p-Xylenes	100.000	95.875	4.1	94	0.00
69 T	o-Xylene	50.000	50.135	-0.3	98	0.00
70 T	Styrene	50.000	51.124	-2.2	99	0.00
71 P	Bromoform	50.000	53.433	-6.9	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	45.460	9.1	92	0.00
74 T	N-amyl acetate	50.000	48.584	2.8	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.729	4.5	107	0.00
76 T	1,2,3-Trichloropropane	50.000	50.883	-1.8	106	0.00
77 T	Bromobenzene	50.000	50.080	-0.2	104	0.00
78 T	n-propylbenzene	50.000	43.837	12.3	88	0.00
79 T	2-Chlorotoluene	50.000	46.641	6.7	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.266	7.5	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.973	6.1	101	0.00
82 T	4-Chlorotoluene	50.000	46.922	6.2	94	0.00
83 T	tert-Butylbenzene	50.000	45.312	9.4	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.957	4.1	95	0.00
85 T	sec-Butylbenzene	50.000	43.512	13.0	86	0.00
86 T	p-Isopropyltoluene	50.000	45.659	8.7	88	0.00
87 T	1,3-Dichlorobenzene	50.000	47.993	4.0	97	0.00
88 T	1,4-Dichlorobenzene	50.000	47.009	6.0	96	0.00
89 T	n-Butylbenzene	50.000	42.497	15.0	81	0.00
90 T	Hexachloroethane	50.000	43.994	12.0	88	0.00
91 T	1,2-Dichlorobenzene	50.000	48.832	2.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.430	-0.9	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.829	0.3	99	0.00
94 T	Hexachlorobutadiene	50.000	44.325	11.3	88	0.00
95 T	Naphthalene	50.000	48.923	2.2	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.768	8.5	103	0.00

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