

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021682.D
 Acq On : 28 Mar 2025 10:42
 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: Mar 28 23:38:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	51.172	-2.3	91	0.00
3 P	Chloromethane	50.000	56.105	-12.2	103	0.00
4 C	Vinyl Chloride	50.000	55.561	-11.1#	100	0.00
5 T	Bromomethane	50.000	53.234	-6.5	101	0.00
6 T	Chloroethane	50.000	56.216	-12.4	103	0.00
7 T	Trichlorofluoromethane	50.000	56.329	-12.7	102	0.00
8 T	Diethyl Ether	50.000	51.075	-2.2	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.906	-3.8	94	0.00
10 T	Methyl Iodide	50.000	56.574	-13.1	92	0.00
11 T	Tert butyl alcohol	250.000	253.367	-1.3	92	0.00
12 CM	1,1-Dichloroethene	50.000	53.393	-6.8#	95	0.00
13 T	Acrolein	250.000	238.457	4.6	84	0.00
14 T	Allyl chloride	50.000	54.441	-8.9	94	0.00
15 T	Acrylonitrile	250.000	276.449	-10.6	95	-0.01
16 T	Acetone	250.000	227.823	8.9	82	-0.01
17 T	Carbon Disulfide	50.000	54.712	-9.4	97	0.00
18 T	Methyl Acetate	50.000	59.104	-18.2	106	0.00
19 T	Methyl tert-butyl Ether	50.000	54.737	-9.5	94	0.00
20 T	Methylene Chloride	50.000	58.520	-17.0	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.253	-10.5	98	0.00
22 T	Diisopropyl ether	50.000	56.920	-13.8	96	0.00
23 T	Vinyl Acetate	250.000	279.709	-11.9	94	0.00
24 P	1,1-Dichloroethane	50.000	55.116	-10.2	97	0.00
25 T	2-Butanone	250.000	264.748	-5.9	92	0.00
26 T	2,2-Dichloropropane	50.000	53.485	-7.0	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.755	-11.5	96	0.00
28 T	Bromochloromethane	50.000	56.065	-12.1	101	0.00
29 T	Tetrahydrofuran	250.000	279.112	-11.6	94	0.00
30 C	Chloroform	50.000	55.216	-10.4#	97	0.00
31 T	Cyclohexane	50.000	51.546	-3.1	93	0.00
32 T	1,1,1-Trichloroethane	50.000	53.954	-7.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.364	-10.7	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	55.365	-10.7	94	0.00
36 T	1,1-Dichloropropene	50.000	54.246	-8.5	95	0.00
37 T	Ethyl Acetate	50.000	53.833	-7.7	95	-0.01
38 T	Carbon Tetrachloride	50.000	53.710	-7.4	96	0.00
39 T	Methylcyclohexane	50.000	53.572	-7.1	91	0.00
40 TM	Benzene	50.000	55.404	-10.8	98	0.00
41 T	Methacrylonitrile	50.000	49.359	1.3	80	-0.01
42 TM	1,2-Dichloroethane	50.000	54.112	-8.2	96	0.00
43 T	Isopropyl Acetate	50.000	53.555	-7.1	94	0.00
44 TM	Trichloroethene	50.000	53.202	-6.4	96	0.00
45 C	1,2-Dichloropropane	50.000	55.510	-11.0#	98	0.00
46 T	Dibromomethane	50.000	55.056	-10.1	100	0.00
47 T	Bromodichloromethane	50.000	54.928	-9.9	98	0.00
48 T	Methyl methacrylate	50.000	57.497	-15.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1130.995	-13.1	98	0.00
50 S	Toluene-d8	50.000	55.693	-11.4	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.850	-12.7	96	0.00
52 CM	Toluene	50.000	56.286	-12.6#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	55.935	-11.9	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.800	-9.6	95	0.00
55 T	1,1,2-Trichloroethane	50.000	55.283	-10.6	98	0.00
56 T	Ethyl methacrylate	50.000	57.148	-14.3	92	0.00
57 T	1,3-Dichloropropane	50.000	55.418	-10.8	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.541	-13.4	91	0.00
59 T	2-Hexanone	250.000	284.379	-13.8	95	0.00
60 T	Dibromochloromethane	50.000	55.650	-11.3	97	0.00
61 T	1,2-Dibromoethane	50.000	55.054	-10.1	94	0.00
62 S	4-Bromofluorobenzene	50.000	55.943	-11.9	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	50.915	-1.8	93	0.00
65 PM	Chlorobenzene	50.000	53.850	-7.7	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.168	-8.3	96	0.00
67 C	Ethyl Benzene	50.000	55.731	-11.5#	96	0.00
68 T	m/p-Xylenes	100.000	112.193	-12.2	97	0.00
69 T	o-Xylene	50.000	56.184	-12.4	95	0.00
70 T	Styrene	50.000	57.510	-15.0	97	0.00
71 P	Bromoform	50.000	55.504	-11.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	54.731	-9.5	96	0.00
74 T	N-ethyl acetate	50.000	54.111	-8.2	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.733	-5.5	96	0.00
76 T	1,2,3-Trichloropropane	50.000	52.378	-4.8	94	0.00
77 T	Bromobenzene	50.000	53.988	-8.0	97	0.00
78 T	n-propylbenzene	50.000	55.292	-10.6	96	0.00
79 T	2-Chlorotoluene	50.000	54.411	-8.8	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.616	-11.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.602	-5.2	92	0.00
82 T	4-Chlorotoluene	50.000	53.730	-7.5	95	0.00
83 T	tert-Butylbenzene	50.000	54.771	-9.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.504	-13.0	97	0.00
85 T	sec-Butylbenzene	50.000	54.761	-9.5	95	0.00
86 T	p-Isopropyltoluene	50.000	55.395	-10.8	95	0.00
87 T	1,3-Dichlorobenzene	50.000	53.415	-6.8	97	0.00
88 T	1,4-Dichlorobenzene	50.000	53.681	-7.4	96	0.00
89 T	n-Butylbenzene	50.000	54.626	-9.3	94	0.00
90 T	Hexachloroethane	50.000	52.605	-5.2	96	0.00
91 T	1,2-Dichlorobenzene	50.000	54.293	-8.6	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.172	-2.3	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.047	-6.1	90	0.00
94 T	Hexachlorobutadiene	50.000	51.838	-3.7	92	0.00
95 T	Naphthalene	50.000	56.275	-12.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.158	-8.3	92	0.00

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