

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021501.D
 Acq On : 12 Mar 2025 11:19
 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 13 01:35:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	45.748	8.5	94	0.00
3 P	Chloromethane	50.000	49.439	1.1	104	0.00
4 C	Vinyl Chloride	50.000	52.687	-5.4#	108	0.00
5 T	Bromomethane	50.000	48.479	3.0	106	-0.01
6 T	Chloroethane	50.000	55.709	-11.4	113	0.00
7 T	Trichlorofluoromethane	50.000	53.565	-7.1	110	-0.02
8 T	Diethyl Ether	50.000	48.758	2.5	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.105	5.8	99	-0.02
10 T	Methyl Iodide	50.000	54.089	-8.2	98	-0.01
11 T	Tert butyl alcohol	250.000	235.189	5.9	86	-0.02
12 CM	1,1-Dichloroethene	50.000	47.820	4.4#	97	-0.01
13 T	Acrolein	250.000	30.155	87.9#	71	-0.02
14 T	Allyl chloride	50.000	49.566	0.9	98	-0.02
15 T	Acrylonitrile	250.000	249.771	0.1	93	-0.02
16 T	Acetone	250.000	276.438	-10.6	95	-0.01
17 T	Carbon Disulfide	50.000	46.810	6.4	93	-0.02
18 T	Methyl Acetate	50.000	56.664	-13.3	102	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.305	1.4	94	0.00
20 T	Methylene Chloride	50.000	46.058	7.9	101	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.105	1.8	100	-0.02
22 T	Diisopropyl ether	50.000	50.092	-0.2	97	-0.01
23 T	Vinyl Acetate	250.000	248.506	0.6	92	-0.02
24 P	1,1-Dichloroethane	50.000	49.356	1.3	99	-0.02
25 T	2-Butanone	250.000	254.707	-1.9	90	0.00
26 T	2,2-Dichloropropane	50.000	49.118	1.8	102	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.037	-0.1	100	-0.01
28 T	Bromochloromethane	50.000	47.170	5.7	90	-0.01
29 T	Tetrahydrofuran	250.000	247.188	1.1	88	-0.01
30 C	Chloroform	50.000	49.395	1.2#	100	-0.01
31 T	Cyclohexane	50.000	44.927	10.1	95	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.600	2.8	100	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.902	4.2	105	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.01
35 S	Dibromofluoromethane	50.000	48.382	3.2	109	0.00
36 T	1,1-Dichloropropene	50.000	48.368	3.3	97	-0.01
37 T	Ethyl Acetate	50.000	48.920	2.2	91	-0.01
38 T	Carbon Tetrachloride	50.000	48.074	3.9	98	0.00
39 T	Methylcyclohexane	50.000	47.661	4.7	94	-0.01
40 TM	Benzene	50.000	48.899	2.2	97	-0.01
41 T	Methacrylonitrile	50.000	46.333	7.3	89	0.00
42 TM	1,2-Dichloroethane	50.000	49.384	1.2	97	-0.01
43 T	Isopropyl Acetate	50.000	47.865	4.3	89	0.00
44 TM	Trichloroethene	50.000	48.880	2.2	99	-0.01
45 C	1,2-Dichloropropane	50.000	49.152	1.7#	98	0.00
46 T	Dibromomethane	50.000	50.376	-0.8	96	0.00
47 T	Bromodichloromethane	50.000	49.754	0.5	98	0.00
48 T	Methyl methacrylate	50.000	51.352	-2.7	92	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	1107.037	-10.7	98	0.00
50 S	Toluene-d8	50.000	48.677	2.6	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.478	-1.0	89	0.00
52 CM	Toluene	50.000	49.670	0.7#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	51.115	-2.2	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.080	-0.2	96	0.00
55 T	1,1,2-Trichloroethane	50.000	50.377	-0.8	95	0.00
56 T	Ethyl methacrylate	50.000	52.181	-4.4	92	0.00
57 T	1,3-Dichloropropane	50.000	49.652	0.7	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.373	-11.7	101	0.00
59 T	2-Hexanone	250.000	267.063	-6.8	90	0.00
60 T	Dibromochloromethane	50.000	49.951	0.1	97	0.00
61 T	1,2-Dibromoethane	50.000	49.171	1.7	94	0.00
62 S	4-Bromofluorobenzene	50.000	48.370	3.3	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	53.559	-7.1	108	0.00
65 PM	Chlorobenzene	50.000	49.373	1.3	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.782	0.4	99	0.00
67 C	Ethyl Benzene	50.000	50.688	-1.4#	99	0.00
68 T	m/p-Xylenes	100.000	101.366	-1.4	97	0.00
69 T	o-Xylene	50.000	51.638	-3.3	99	0.00
70 T	Styrene	50.000	52.244	-4.5	99	0.00
71 P	Bromoform	50.000	49.980	0.0	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	49.500	1.0	98	0.00
74 T	N-amyl acetate	50.000	50.586	-1.2	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.606	6.8	90	0.00
76 T	1,2,3-Trichloropropane	50.000	45.516	9.0	94	0.00
77 T	Bromobenzene	50.000	49.126	1.7	99	0.00
78 T	n-propylbenzene	50.000	49.946	0.1	98	0.00
79 T	2-Chlorotoluene	50.000	49.252	1.5	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.290	-0.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.729	6.5	88	0.00
82 T	4-Chlorotoluene	50.000	49.185	1.6	99	0.00
83 T	tert-Butylbenzene	50.000	50.461	-0.9	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.798	-1.6	100	0.00
85 T	sec-Butylbenzene	50.000	49.517	1.0	98	0.00
86 T	p-Isopropyltoluene	50.000	50.426	-0.9	99	0.00
87 T	1,3-Dichlorobenzene	50.000	48.554	2.9	99	0.00
88 T	1,4-Dichlorobenzene	50.000	48.744	2.5	99	0.00
89 T	n-Butylbenzene	50.000	51.409	-2.8	99	0.00
90 T	Hexachloroethane	50.000	48.126	3.7	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.408	1.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.756	6.5	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.998	-4.0	99	0.00
94 T	Hexachlorobutadiene	50.000	50.138	-0.3	99	0.00
95 T	Naphthalene	50.000	50.555	-1.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.364	-2.7	97	0.00

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