

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021556.D
 Acq On : 18 Mar 2025 10:19
 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: Mar 19 01:38:19 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	42.980	14.0	82	0.00
3 P	Chloromethane	50.000	45.559	8.9	89	0.00
4 C	Vinyl Chloride	50.000	49.405	1.2#	94	0.00
5 T	Bromomethane	50.000	45.474	9.1	92	-0.01
6 T	Chloroethane	50.000	53.178	-6.4	100	0.00
7 T	Trichlorofluoromethane	50.000	53.845	-7.7	102	-0.01
8 T	Diethyl Ether	50.000	49.284	1.4	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.848	6.3	91	-0.01
10 T	Methyl Iodide	50.000	50.353	-0.7	85	-0.01
11 T	Tert butyl alcohol	250.000	292.720	-17.1	97	-0.01
12 CM	1,1-Dichloroethene	50.000	46.392	7.2#	87	-0.01
13 T	Acrolein	250.000	40.742	83.7#	89	-0.02
14 T	Allyl chloride	50.000	47.324	5.4	87	-0.01
15 T	Acrylonitrile	250.000	269.579	-7.8	93	-0.01
16 T	Acetone	250.000	233.704	6.5	74	0.00
17 T	Carbon Disulfide	50.000	43.389	13.2	79	-0.01
18 T	Methyl Acetate	50.000	66.013	-32.0#	110	0.00
19 T	Methyl tert-butyl Ether	50.000	50.988	-2.0	90	0.00
20 T	Methylene Chloride	50.000	43.986	12.0	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.603	6.8	88	-0.01
22 T	Diisopropyl ether	50.000	49.428	1.1	89	0.00
23 T	Vinyl Acetate	250.000	251.417	-0.6	86	-0.01
24 P	1,1-Dichloroethane	50.000	47.895	4.2	89	-0.01
25 T	2-Butanone	250.000	259.936	-4.0	85	0.00
26 T	2,2-Dichloropropane	50.000	46.280	7.4	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.929	4.1	89	0.00
28 T	Bromochloromethane	50.000	52.809	-5.6	93	0.00
29 T	Tetrahydrofuran	250.000	272.632	-9.1	90	0.00
30 C	Chloroform	50.000	48.213	3.6#	90	0.00
31 T	Cyclohexane	50.000	43.140	13.7	84	0.00
32 T	1,1,1-Trichloroethane	50.000	47.883	4.2	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.501	-1.0	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	51.733	-3.5	104	0.00
36 T	1,1-Dichloropropene	50.000	47.749	4.5	86	0.00
37 T	Ethyl Acetate	50.000	54.522	-9.0	91	0.00
38 T	Carbon Tetrachloride	50.000	49.252	1.5	90	0.00
39 T	Methylcyclohexane	50.000	47.696	4.6	84	0.00
40 TM	Benzene	50.000	48.695	2.6	87	0.00
41 T	Methacrylonitrile	50.000	51.291	-2.6	88	0.00
42 TM	1,2-Dichloroethane	50.000	50.359	-0.7	89	0.00
43 T	Isopropyl Acetate	50.000	53.818	-7.6	89	0.00
44 TM	Trichloroethene	50.000	49.464	1.1	90	0.00
45 C	1,2-Dichloropropane	50.000	50.133	-0.3#	89	0.00
46 T	Dibromomethane	50.000	51.850	-3.7	89	0.00
47 T	Bromodichloromethane	50.000	51.335	-2.7	91	0.00
48 T	Methyl methacrylate	50.000	56.696	-13.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1252.899	-25.3#	99	0.00
50 S	Toluene-d8	50.000	50.623	-1.2	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.310	-16.5	92	0.00
52 CM	Toluene	50.000	49.951	0.1#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	52.822	-5.6	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.194	-2.4	88	0.00
55 T	1,1,2-Trichloroethane	50.000	52.600	-5.2	89	0.00
56 T	Ethyl methacrylate	50.000	57.405	-14.8	91	0.00
57 T	1,3-Dichloropropane	50.000	52.523	-5.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.596	-17.8	95	0.00
59 T	2-Hexanone	250.000	295.267	-18.1	89	0.00
60 T	Dibromochloromethane	50.000	53.164	-6.3	92	0.00
61 T	1,2-Dibromoethane	50.000	52.669	-5.3	90	0.00
62 S	4-Bromofluorobenzene	50.000	52.399	-4.8	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	54.671	-9.3	101	0.00
65 PM	Chlorobenzene	50.000	49.318	1.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.958	0.1	91	0.00
67 C	Ethyl Benzene	50.000	48.669	2.7#	87	0.00
68 T	m/p-Xylenes	100.000	99.296	0.7	87	0.00
69 T	o-Xylene	50.000	50.462	-0.9	88	0.00
70 T	Styrene	50.000	51.806	-3.6	90	0.00
71 P	Bromoform	50.000	53.844	-7.7	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.273	5.5	88	0.00
74 T	N-amyl acetate	50.000	53.245	-6.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.209	1.6	90	0.00
76 T	1,2,3-Trichloropropane	50.000	51.479	-3.0	101	0.00
77 T	Bromobenzene	50.000	47.586	4.8	91	0.00
78 T	n-propylbenzene	50.000	47.558	4.9	89	0.00
79 T	2-Chlorotoluene	50.000	46.856	6.3	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.862	4.3	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.280	1.4	88	0.00
82 T	4-Chlorotoluene	50.000	47.450	5.1	90	0.00
83 T	tert-Butylbenzene	50.000	47.955	4.1	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.620	2.8	90	0.00
85 T	sec-Butylbenzene	50.000	47.691	4.6	89	0.00
86 T	p-Isopropyltoluene	50.000	48.939	2.1	91	0.00
87 T	1,3-Dichlorobenzene	50.000	47.600	4.8	92	0.00
88 T	1,4-Dichlorobenzene	50.000	47.530	4.9	92	0.00
89 T	n-Butylbenzene	50.000	48.941	2.1	90	0.00
90 T	Hexachloroethane	50.000	47.080	5.8	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.960	2.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.218	-6.4	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.594	-5.2	95	0.00
94 T	Hexachlorobutadiene	50.000	51.862	-3.7	97	0.00
95 T	Naphthalene	50.000	54.293	-8.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.100	-8.2	97	0.00

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