

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021424.D
 Acq On : 05 Mar 2025 19:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 06 02:59:42 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	41.225	17.5	74	0.00
3 P	Chloromethane	50.000	47.907	4.2	88	0.00
4 C	Vinyl Chloride	50.000	47.222	5.6#	85	0.00
5 T	Bromomethane	50.000	46.438	7.1	89	-0.01
6 T	Chloroethane	50.000	50.071	-0.1	89	0.00
7 T	Trichlorofluoromethane	50.000	44.617	10.8	80	-0.01
8 T	Diethyl Ether	50.000	49.864	0.3	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	41.929	16.1	77	-0.01
10 T	Methyl Iodide	50.000	49.472	1.1	79	0.00
11 T	Tert butyl alcohol	250.000	271.427	-8.6	86	0.00
12 CM	1,1-Dichloroethene	50.000	43.950	12.1#	79	0.00
13 T	Acrolein	250.000	48.450	80.6#	101	-0.01
14 T	Allyl chloride	50.000	47.916	4.2	83	-0.01
15 T	Acrylonitrile	250.000	269.229	-7.7	88	0.00
16 T	Acetone	250.000	204.365	18.3	62	0.00
17 T	Carbon Disulfide	50.000	46.517	7.0	81	-0.01
18 T	Methyl Acetate	50.000	57.807	-15.6	91	0.00
19 T	Methyl tert-butyl Ether	50.000	51.661	-3.3	87	0.00
20 T	Methylene Chloride	50.000	45.813	8.4	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.312	5.4	85	-0.01
22 T	Diisopropyl ether	50.000	51.415	-2.8	87	0.00
23 T	Vinyl Acetate	250.000	265.480	-6.2	86	-0.01
24 P	1,1-Dichloroethane	50.000	48.783	2.4	86	0.00
25 T	2-Butanone	250.000	254.277	-1.7	79	0.00
26 T	2,2-Dichloropropane	50.000	38.977	22.0	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.624	0.8	87	0.00
28 T	Bromochloromethane	50.000	54.184	-8.4	90	0.00
29 T	Tetrahydrofuran	250.000	280.692	-12.3	88	0.00
30 C	Chloroform	50.000	48.609	2.8#	86	0.00
31 T	Cyclohexane	50.000	41.171	17.7	76	0.00
32 T	1,1,1-Trichloroethane	50.000	45.870	8.3	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.062	-12.1	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	50.386	-0.8	107	0.00
36 T	1,1-Dichloropropene	50.000	43.217	13.6	82	0.00
37 T	Ethyl Acetate	50.000	50.588	-1.2	89	0.00
38 T	Carbon Tetrachloride	50.000	41.639	16.7	80	0.00
39 T	Methylcyclohexane	50.000	40.506	19.0	75	0.00
40 TM	Benzene	50.000	45.363	9.3	85	0.00
41 T	Methacrylonitrile	50.000	46.689	6.6	84	0.00
42 TM	1,2-Dichloroethane	50.000	47.480	5.0	88	0.00
43 T	Isopropyl Acetate	50.000	50.102	-0.2	88	0.00
44 TM	Trichloroethene	50.000	43.528	12.9	84	0.00
45 C	1,2-Dichloropropane	50.000	46.045	7.9#	86	0.00
46 T	Dibromomethane	50.000	48.557	2.9	88	0.00
47 T	Bromodichloromethane	50.000	46.791	6.4	87	0.00
48 T	Methyl methacrylate	50.000	51.580	-3.2	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1029.223	-2.9	86	0.00
50 S	Toluene-d8	50.000	50.387	-0.8	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.410	-6.2	88	0.00
52 CM	Toluene	50.000	45.891	8.2#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	46.316	7.4	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.437	9.1	82	0.00
55 T	1,1,2-Trichloroethane	50.000	48.814	2.4	87	0.00
56 T	Ethyl methacrylate	50.000	52.689	-5.4	88	0.00
57 T	1,3-Dichloropropane	50.000	48.400	3.2	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.953	-5.6	90	0.00
59 T	2-Hexanone	250.000	266.807	-6.7	85	0.00
60 T	Dibromochloromethane	50.000	47.834	4.3	87	0.00
61 T	1,2-Dibromoethane	50.000	48.502	3.0	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.539	-5.1	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	41.714	16.6	81	0.00
65 PM	Chlorobenzene	50.000	44.429	11.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	44.331	11.3	85	0.00
67 C	Ethyl Benzene	50.000	43.777	12.4#	82	0.00
68 T	m/p-Xylenes	100.000	88.319	11.7	82	0.00
69 T	o-Xylene	50.000	44.988	10.0	83	0.00
70 T	Styrene	50.000	46.562	6.9	85	0.00
71 P	Bromoform	50.000	47.624	4.8	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	41.086	17.8	80	0.00
74 T	N-amyl acetate	50.000	48.431	3.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.682	8.6	87	0.00
76 T	1,2,3-Trichloropropane	50.000	47.978	4.0	98	0.00
77 T	Bromobenzene	50.000	42.247	15.5	84	0.00
78 T	n-propylbenzene	50.000	41.124	17.8	80	0.00
79 T	2-Chlorotoluene	50.000	42.256	15.5	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	41.588	16.8	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.412	13.2	81	0.00
82 T	4-Chlorotoluene	50.000	41.833	16.3	83	0.00
83 T	tert-Butylbenzene	50.000	41.504	17.0	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	42.054	15.9	81	0.00
85 T	sec-Butylbenzene	50.000	39.990	20.0	78	0.00
86 T	p-Isopropyltoluene	50.000	41.093	17.8	80	0.00
87 T	1,3-Dichlorobenzene	50.000	40.808	18.4	82	0.00
88 T	1,4-Dichlorobenzene	50.000	41.047	17.9	82	0.00
89 T	n-Butylbenzene	50.000	40.369	19.3	77	0.00
90 T	Hexachloroethane	50.000	40.274	19.5	82	0.00
91 T	1,2-Dichlorobenzene	50.000	42.982	14.0	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.373	7.3	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	40.825	18.3	77	0.00
94 T	Hexachlorobutadiene	50.000	39.328	21.3	77	0.00
95 T	Naphthalene	50.000	45.395	9.2	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.759	14.5	79	0.00

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