

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021935.D
 Acq On : 21 Apr 2025 09:08
 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: Apr 22 02:42:46 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	40.684	18.6	67	0.00
3 P	Chloromethane	50.000	48.191	3.6	81	0.00
4 C	Vinyl Chloride	50.000	45.162	9.7#	74	0.00
5 T	Bromomethane	50.000	46.530	6.9	81	0.00
6 T	Chloroethane	50.000	47.947	4.1	81	0.00
7 T	Trichlorofluoromethane	50.000	45.174	9.7	75	0.00
8 T	Diethyl Ether	50.000	44.923	10.2	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.972	6.1	78	0.00
10 T	Methyl Iodide	50.000	50.176	-0.4	75	0.00
11 T	Tert butyl alcohol	250.000	196.800	21.3	65	0.02
12 CM	1,1-Dichloroethene	50.000	45.548	8.9#	74	0.00
13 T	Acrolein	250.000	31.786	87.3#	10	0.00
14 T	Allyl chloride	50.000	46.783	6.4	75	0.00
15 T	Acrylonitrile	250.000	234.077	6.4	74	0.00
16 T	Acetone	250.000	211.031	15.6	70	0.00
17 T	Carbon Disulfide	50.000	43.177	13.6	70	0.00
18 T	Methyl Acetate	50.000	68.864	-37.7#	114	0.00
19 T	Methyl tert-butyl Ether	50.000	47.296	5.4	74	0.00
20 T	Methylene Chloride	50.000	52.080	-4.2	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.010	2.0	80	0.00
22 T	Diisopropyl ether	50.000	50.142	-0.3	78	0.00
23 T	Vinyl Acetate	250.000	219.115	12.4	67	0.00
24 P	1,1-Dichloroethane	50.000	49.409	1.2	80	0.00
25 T	2-Butanone	250.000	220.142	11.9	70	0.00
26 T	2,2-Dichloropropane	50.000	48.810	2.4	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.184	-0.4	80	0.00
28 T	Bromochloromethane	50.000	49.310	1.4	82	0.00
29 T	Tetrahydrofuran	250.000	228.395	8.6	71	0.00
30 C	Chloroform	50.000	50.083	-0.2#	81	0.00
31 T	Cyclohexane	50.000	42.537	14.9	71	0.00
32 T	1,1,1-Trichloroethane	50.000	49.012	2.0	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.945	4.1	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	53.117	-6.2	78	0.00
36 T	1,1-Dichloropropene	50.000	50.236	-0.5	76	0.00
37 T	Ethyl Acetate	50.000	45.598	8.8	69	0.00
38 T	Carbon Tetrachloride	50.000	51.745	-3.5	80	0.00
39 T	Methylcyclohexane	50.000	48.536	2.9	71	0.00
40 TM	Benzene	50.000	52.500	-5.0	79	0.00
41 T	Methacrylonitrile	50.000	43.104	13.8	60	0.00
42 TM	1,2-Dichloroethane	50.000	52.400	-4.8	80	0.00
43 T	Isopropyl Acetate	50.000	45.678	8.6	68	0.00
44 TM	Trichloroethene	50.000	54.092	-8.2	83	0.00
45 C	1,2-Dichloropropane	50.000	53.000	-6.0#	81	0.00
46 T	Dibromomethane	50.000	52.944	-5.9	82	0.00
47 T	Bromodichloromethane	50.000	53.157	-6.3	81	0.00
48 T	Methyl methacrylate	50.000	49.822	0.4	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	979.478	2.1	73	0.00
50 S	Toluene-d8	50.000	52.823	-5.6	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.898	-1.6	74	0.00
52 CM	Toluene	50.000	54.655	-9.3#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	51.926	-3.9	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.231	-4.5	78	0.00
55 T	1,1,2-Trichloroethane	50.000	53.782	-7.6	82	0.00
56 T	Ethyl methacrylate	50.000	51.086	-2.2	71	0.00
57 T	1,3-Dichloropropane	50.000	52.723	-5.4	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.396	-12.2	77	0.00
59 T	2-Hexanone	250.000	249.845	0.1	72	0.00
60 T	Dibromochloromethane	50.000	54.974	-9.9	82	0.00
61 T	1,2-Dibromoethane	50.000	52.934	-5.9	78	0.00
62 S	4-Bromofluorobenzene	50.000	52.859	-5.7	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	56.144	-12.3	89	0.00
65 PM	Chlorobenzene	50.000	51.926	-3.9	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.468	-4.9	81	0.00
67 C	Ethyl Benzene	50.000	52.632	-5.3#	79	0.00
68 T	m/p-Xylenes	100.000	106.972	-7.0	80	0.00
69 T	o-Xylene	50.000	53.559	-7.1	79	0.00
70 T	Styrene	50.000	55.426	-10.9	82	0.00
71 P	Bromoform	50.000	52.738	-5.5	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	49.949	0.1	79	0.00
74 T	N-amyl acetate	50.000	43.363	13.3	67	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.525	11.0	74	0.00
76 T	1,2,3-Trichloropropane	50.000	50.135	-0.3	82	0.00
77 T	Bromobenzene	50.000	50.074	-0.1	82	0.00
78 T	n-propylbenzene	50.000	50.235	-0.5	80	0.00
79 T	2-Chlorotoluene	50.000	50.177	-0.4	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.714	-1.4	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.131	7.7	73	0.00
82 T	4-Chlorotoluene	50.000	50.641	-1.3	81	0.00
83 T	tert-Butylbenzene	50.000	48.944	2.1	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.742	-3.5	81	0.00
85 T	sec-Butylbenzene	50.000	49.958	0.1	79	0.00
86 T	p-Isopropyltoluene	50.000	52.008	-4.0	81	0.00
87 T	1,3-Dichlorobenzene	50.000	50.512	-1.0	83	0.00
88 T	1,4-Dichlorobenzene	50.000	50.351	-0.7	82	0.00
89 T	n-Butylbenzene	50.000	50.513	-1.0	79	0.00
90 T	Hexachloroethane	50.000	49.234	1.5	82	0.00
91 T	1,2-Dichlorobenzene	50.000	50.700	-1.4	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.030	7.9	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.356	-4.7	81	0.00
94 T	Hexachlorobutadiene	50.000	51.677	-3.4	84	0.00
95 T	Naphthalene	50.000	51.020	-2.0	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.468	-2.9	80	0.00

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