

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021164.D
 Acq On : 11 Feb 2025 10:35
 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: Feb 12 00:59:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	46.609	6.8	68	0.00
3 P	Chloromethane	50.000	43.321	13.4	66	0.00
4 C	Vinyl Chloride	50.000	43.955	12.1#	67	0.00
5 T	Bromomethane	50.000	42.447	15.1	66	0.00
6 T	Chloroethane	50.000	45.104	9.8	68	0.01
7 T	Trichlorofluoromethane	50.000	44.941	10.1	67	0.00
8 T	Diethyl Ether	50.000	43.214	13.6	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.678	8.6	68	0.01
10 T	Methyl Iodide	50.000	43.653	12.7	61	0.01
11 T	Tert butyl alcohol	250.000	206.253	17.5	65	0.00
12 CM	1,1-Dichloroethene	50.000	44.793	10.4#	66	0.00
13 T	Acrolein	250.000	169.447	32.2#	50	0.01
14 T	Allyl chloride	50.000	45.856	8.3	67	0.01
15 T	Acrylonitrile	250.000	235.680	5.7	68	0.02
16 T	Acetone	250.000	246.111	1.6	74	0.00
17 T	Carbon Disulfide	50.000	43.486	13.0	64	0.00
18 T	Methyl Acetate	50.000	49.153	1.7	70	0.00
19 T	Methyl tert-butyl Ether	50.000	47.366	5.3	68	0.02
20 T	Methylene Chloride	50.000	45.287	9.4	68	0.02
21 T	trans-1,2-Dichloroethene	50.000	44.818	10.4	66	0.01
22 T	Diisopropyl ether	50.000	47.476	5.0	69	0.01
23 T	Vinyl Acetate	250.000	240.190	3.9	68	0.00
24 P	1,1-Dichloroethane	50.000	46.078	7.8	69	0.01
25 T	2-Butanone	250.000	241.720	3.3	68	0.00
26 T	2,2-Dichloropropane	50.000	46.006	8.0	69	0.01
27 T	cis-1,2-Dichloroethene	50.000	45.234	9.5	66	0.01
28 T	Bromochloromethane	50.000	53.081	-6.2	72	0.00
29 T	Tetrahydrofuran	250.000	237.021	5.2	67	0.01
30 C	Chloroform	50.000	46.095	7.8#	68	0.00
31 T	Cyclohexane	50.000	43.329	13.3	67	0.01
32 T	1,1,1-Trichloroethane	50.000	46.606	6.8	69	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.155	-8.3	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35 S	Dibromofluoromethane	50.000	53.515	-7.0	78	0.00
36 T	1,1-Dichloropropene	50.000	47.174	5.7	69	0.00
37 T	Ethyl Acetate	50.000	49.221	1.6	69	0.01
38 T	Carbon Tetrachloride	50.000	47.473	5.1	69	0.00
39 T	Methylcyclohexane	50.000	47.424	5.2	67	0.00
40 TM	Benzene	50.000	46.744	6.5	67	0.00
41 T	Methacrylonitrile	50.000	48.075	3.8	74	0.00
42 TM	1,2-Dichloroethane	50.000	47.914	4.2	70	0.00
43 T	Isopropyl Acetate	50.000	48.296	3.4	67	0.00
44 TM	Trichloroethene	50.000	46.181	7.6	68	0.00
45 C	1,2-Dichloropropane	50.000	45.917	8.2#	66	0.00
46 T	Dibromomethane	50.000	47.433	5.1	68	0.00
47 T	Bromodichloromethane	50.000	47.435	5.1	69	0.00
48 T	Methyl methacrylate	50.000	49.601	0.8	69	0.00

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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)
49 T	1,4-Dioxane	1000.000	1001.647	-0.2	69	0.01
50 S	Toluene-d8	50.000	53.835	-7.7	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.479	0.2	69	0.00
52 CM	Toluene	50.000	47.154	5.7#	67	0.00
53 T	t-1,3-Dichloropropene	50.000	48.664	2.7	68	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.273	5.5	67	0.00
55 T	1,1,2-Trichloroethane	50.000	47.881	4.2	69	0.00
56 T	Ethyl methacrylate	50.000	48.736	2.5	65	0.00
57 T	1,3-Dichloropropane	50.000	48.137	3.7	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.334	3.1	66	0.00
59 T	2-Hexanone	250.000	256.369	-2.5	68	0.00
60 T	Dibromochloromethane	50.000	47.253	5.5	68	0.00
61 T	1,2-Dibromoethane	50.000	46.947	6.1	66	0.00
62 S	4-Bromofluorobenzene	50.000	56.043	-12.1	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	45.563	8.9	67	0.00
65 PM	Chlorobenzene	50.000	45.624	8.8	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.559	6.9	69	0.00
67 C	Ethyl Benzene	50.000	47.169	5.7#	68	0.00
68 T	m/p-Xylenes	100.000	93.957	6.0	67	0.00
69 T	o-Xylene	50.000	46.749	6.5	67	0.00
70 T	Styrene	50.000	47.425	5.2	67	0.00
71 P	Bromoform	50.000	48.020	4.0	70	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73 T	Isopropylbenzene	50.000	45.793	8.4	69	0.00
74 T	N-amyl acetate	50.000	47.254	5.5	66	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.235	9.5	68	0.00
76 T	1,2,3-Trichloropropane	50.000	44.837	10.3	64	0.00
77 T	Bromobenzene	50.000	44.298	11.4	67	0.00
78 T	n-propylbenzene	50.000	46.120	7.8	68	0.00
79 T	2-Chlorotoluene	50.000	45.333	9.3	68	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.636	6.7	69	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.395	7.2	68	0.00
82 T	4-Chlorotoluene	50.000	45.773	8.5	69	0.00
83 T	tert-Butylbenzene	50.000	45.397	9.2	66	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.146	5.7	70	0.00
85 T	sec-Butylbenzene	50.000	46.038	7.9	69	0.00
86 T	p-Isopropyltoluene	50.000	46.665	6.7	69	0.00
87 T	1,3-Dichlorobenzene	50.000	45.049	9.9	68	0.00
88 T	1,4-Dichlorobenzene	50.000	44.884	10.2	67	0.00
89 T	n-Butylbenzene	50.000	47.886	4.2	70	0.00
90 T	Hexachloroethane	50.000	45.136	9.7	68	0.00
91 T	1,2-Dichlorobenzene	50.000	44.797	10.4	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.335	7.3	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.420	5.2	67	0.00
94 T	Hexachlorobutadiene	50.000	46.652	6.7	68	0.00
95 T	Naphthalene	50.000	48.858	2.3	64	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.751	6.5	65	0.00

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