

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021643.D
 Acq On : 26 Mar 2025 12:56
 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 27 01:31:00 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	43.323	13.4	74	0.00
3 P	Chloromethane	50.000	47.101	5.8	82	0.00
4 C	Vinyl Chloride	50.000	50.620	-1.2#	86	0.00
5 T	Bromomethane	50.000	49.843	0.3	91	-0.01
6 T	Chloroethane	50.000	55.709	-11.4	94	0.00
7 T	Trichlorofluoromethane	50.000	51.046	-2.1	87	-0.01
8 T	Diethyl Ether	50.000	50.375	-0.8	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.014	2.0	85	-0.02
10 T	Methyl Iodide	50.000	54.813	-9.6	83	0.00
11 T	Tert butyl alcohol	250.000	232.387	7.0	71	-0.02
12 CM	1,1-Dichloroethene	50.000	49.867	0.3#	84	-0.01
13 T	Acrolein	250.000	31.275	87.5#	61	-0.02
14 T	Allyl chloride	50.000	52.110	-4.2	85	-0.01
15 T	Acrylonitrile	250.000	256.089	-2.4	79	-0.01
16 T	Acetone	250.000	282.569	-13.0	81	0.00
17 T	Carbon Disulfide	50.000	43.204	13.6	71	-0.01
18 T	Methyl Acetate	50.000	68.090	-36.2#	102	0.00
19 T	Methyl tert-butyl Ether	50.000	52.236	-4.5	83	-0.01
20 T	Methylene Chloride	50.000	49.164	1.7	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.604	-1.2	86	-0.02
22 T	Diisopropyl ether	50.000	53.555	-7.1	86	0.00
23 T	Vinyl Acetate	250.000	249.263	0.3	76	-0.01
24 P	1,1-Dichloroethane	50.000	53.346	-6.7	89	-0.02
25 T	2-Butanone	250.000	260.852	-4.3	77	0.00
26 T	2,2-Dichloropropane	50.000	51.881	-3.8	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.328	-6.7	89	0.00
28 T	Bromochloromethane	50.000	53.179	-6.4	84	0.00
29 T	Tetrahydrofuran	250.000	248.120	0.8	73	0.00
30 C	Chloroform	50.000	53.821	-7.6#	90	0.00
31 T	Cyclohexane	50.000	43.776	12.4	77	0.00
32 T	1,1,1-Trichloroethane	50.000	51.460	-2.9	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.490	7.0	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	48.517	3.0	91	0.00
36 T	1,1-Dichloropropene	50.000	49.954	0.1	84	0.00
37 T	Ethyl Acetate	50.000	47.695	4.6	74	0.00
38 T	Carbon Tetrachloride	50.000	50.738	-1.5	87	0.00
39 T	Methylcyclohexane	50.000	46.983	6.0	77	0.00
40 TM	Benzene	50.000	51.674	-3.3	86	0.00
41 T	Methacrylonitrile	50.000	50.175	-0.3	80	0.00
42 TM	1,2-Dichloroethane	50.000	51.244	-2.5	84	0.00
43 T	Isopropyl Acetate	50.000	48.986	2.0	76	0.00
44 TM	Trichloroethene	50.000	51.955	-3.9	88	0.00
45 C	1,2-Dichloropropane	50.000	53.644	-7.3#	89	0.00
46 T	Dibromomethane	50.000	51.764	-3.5	83	0.00
47 T	Bromodichloromethane	50.000	54.138	-8.3	89	0.00
48 T	Methyl methacrylate	50.000	49.717	0.6	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1121.940	-12.2	83	0.00
50 S	Toluene-d8	50.000	47.623	4.8	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.841	-2.3	75	0.00
52 CM	Toluene	50.000	52.686	-5.4#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	53.772	-7.5	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.359	-6.7	86	0.00
55 T	1,1,2-Trichloroethane	50.000	53.047	-6.1	83	0.00
56 T	Ethyl methacrylate	50.000	54.018	-8.0	80	0.00
57 T	1,3-Dichloropropane	50.000	52.439	-4.9	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.670	-4.7	79	0.00
59 T	2-Hexanone	250.000	270.932	-8.4	76	0.00
60 T	Dibromochloromethane	50.000	53.491	-7.0	87	0.00
61 T	1,2-Dibromoethane	50.000	51.524	-3.0	83	0.00
62 S	4-Bromofluorobenzene	50.000	47.863	4.3	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	56.915	-13.8	96	0.00
65 PM	Chlorobenzene	50.000	52.851	-5.7	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.395	-6.8	89	0.00
67 C	Ethyl Benzene	50.000	53.178	-6.4#	86	0.00
68 T	m/p-Xylenes	100.000	106.616	-6.6	85	0.00
69 T	o-Xylene	50.000	54.424	-8.8	87	0.00
70 T	Styrene	50.000	55.486	-11.0	88	0.00
71 P	Bromoform	50.000	53.718	-7.4	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	52.171	-4.3	86	0.00
74 T	N-amyl acetate	50.000	50.019	-0.0	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.005	2.0	79	0.00
76 T	1,2,3-Trichloropropane	50.000	49.117	1.8	85	0.00
77 T	Bromobenzene	50.000	51.360	-2.7	87	0.00
78 T	n-propylbenzene	50.000	52.568	-5.1	87	0.00
79 T	2-Chlorotoluene	50.000	52.366	-4.7	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.875	-5.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.530	2.9	77	0.00
82 T	4-Chlorotoluene	50.000	52.581	-5.2	89	0.00
83 T	tert-Butylbenzene	50.000	53.381	-6.8	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.475	-7.0	88	0.00
85 T	sec-Butylbenzene	50.000	53.104	-6.2	88	0.00
86 T	p-Isopropyltoluene	50.000	53.419	-6.8	88	0.00
87 T	1,3-Dichlorobenzene	50.000	52.456	-4.9	90	0.00
88 T	1,4-Dichlorobenzene	50.000	51.638	-3.3	88	0.00
89 T	n-Butylbenzene	50.000	54.153	-8.3	88	0.00
90 T	Hexachloroethane	50.000	51.933	-3.9	90	0.00
91 T	1,2-Dichlorobenzene	50.000	52.824	-5.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.512	5.0	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.006	-8.0	87	0.00
94 T	Hexachlorobutadiene	50.000	54.931	-9.9	91	0.00
95 T	Naphthalene	50.000	50.920	-1.8	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.562	-7.1	85	0.00

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