

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
 Data File : VY021211.D
 Acq On : 14 Feb 2025 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 14 22:21:11 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	65	0.00
2 T	Dichlorodifluoromethane	50.000	44.487	11.0	58	0.00
3 P	Chloromethane	50.000	48.750	2.5	67	0.00
4 C	Vinyl Chloride	50.000	48.217	3.6#	66	0.00
5 T	Bromomethane	50.000	47.529	4.9	66	0.00
6 T	Chloroethane	50.000	49.841	0.3	67	0.00
7 T	Trichlorofluoromethane	50.000	44.437	11.1	59	0.00
8 T	Diethyl Ether	50.000	46.721	6.6	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.769	8.5	61	0.00
10 T	Methyl Iodide	50.000	46.131	7.7	58	0.00
11 T	Tert butyl alcohol	250.000	198.130	20.7	56	0.00
12 CM	1,1-Dichloroethene	50.000	45.752	8.5#	61	0.00
13 T	Acrolein	250.000	137.366	45.1#	37	0.00
14 T	Allyl chloride	50.000	49.710	0.6	65	0.00
15 T	Acrylonitrile	250.000	246.641	1.3	64	0.00
16 T	Acetone	250.000	237.481	5.0	64	0.00
17 T	Carbon Disulfide	50.000	43.357	13.3	57	0.00
18 T	Methyl Acetate	50.000	49.765	0.5	63	0.00
19 T	Methyl tert-butyl Ether	50.000	47.429	5.1	61	0.01
20 T	Methylene Chloride	50.000	48.620	2.8	65	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.724	4.6	63	0.00
22 T	Diisopropyl ether	50.000	51.626	-3.3	67	0.00
23 T	Vinyl Acetate	250.000	246.144	1.5	63	0.00
24 P	1,1-Dichloroethane	50.000	49.909	0.2	67	0.00
25 T	2-Butanone	250.000	234.652	6.1	60	0.00
26 T	2,2-Dichloropropane	50.000	44.467	11.1	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.272	1.5	65	0.01
28 T	Bromochloromethane	50.000	52.571	-5.1	64	0.00
29 T	Tetrahydrofuran	250.000	240.130	3.9	61	0.01
30 C	Chloroform	50.000	49.900	0.2#	66	0.00
31 T	Cyclohexane	50.000	43.719	12.6	60	0.00
32 T	1,1,1-Trichloroethane	50.000	48.840	2.3	65	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.976	0.0	67	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35 S	Dibromofluoromethane	50.000	48.424	3.2	66	0.00
36 T	1,1-Dichloropropene	50.000	45.440	9.1	62	0.00
37 T	Ethyl Acetate	50.000	45.269	9.5	60	0.01
38 T	Carbon Tetrachloride	50.000	46.791	6.4	64	0.00
39 T	Methylcyclohexane	50.000	44.827	10.3	59	0.00
40 TM	Benzene	50.000	48.118	3.8	65	0.00
41 T	Methacrylonitrile	50.000	44.871	10.3	65	0.00
42 TM	1,2-Dichloroethane	50.000	47.776	4.4	65	0.00
43 T	Isopropyl Acetate	50.000	46.420	7.2	61	0.00
44 TM	Trichloroethene	50.000	45.565	8.9	63	0.00
45 C	1,2-Dichloropropane	50.000	48.940	2.1#	66	0.00
46 T	Dibromomethane	50.000	47.755	4.5	65	0.00
47 T	Bromodichloromethane	50.000	48.934	2.1	67	0.00
48 T	Methyl methacrylate	50.000	47.906	4.2	63	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	1025.546	-2.6	67	0.00
50 S	Toluene-d8	50.000	48.449	3.1	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.001	6.0	61	0.00
52 CM	Toluene	50.000	48.330	3.3#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	47.102	5.8	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.971	4.1	64	0.00
55 T	1,1,2-Trichloroethane	50.000	48.418	3.2	65	0.00
56 T	Ethyl methacrylate	50.000	47.354	5.3	60	0.00
57 T	1,3-Dichloropropane	50.000	47.935	4.1	64	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.677	2.5	63	0.00
59 T	2-Hexanone	250.000	239.476	4.2	60	0.00
60 T	Dibromochloromethane	50.000	47.435	5.1	64	0.00
61 T	1,2-Dibromoethane	50.000	46.687	6.6	62	0.00
62 S	4-Bromofluorobenzene	50.000	51.126	-2.3	68	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	43.329	13.3	61	0.00
65 PM	Chlorobenzene	50.000	46.064	7.9	65	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.782	6.4	66	0.00
67 C	Ethyl Benzene	50.000	46.949	6.1#	65	0.00
68 T	m/p-Xylenes	100.000	93.219	6.8	64	0.00
69 T	o-Xylene	50.000	47.569	4.9	66	0.00
70 T	Styrene	50.000	48.574	2.9	66	0.00
71 P	Bromoform	50.000	45.804	8.4	64	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73 T	Isopropylbenzene	50.000	43.804	12.4	65	0.00
74 T	N-amyl acetate	50.000	43.465	13.1	61	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	42.339	15.3	63	0.00
76 T	1,2,3-Trichloropropane	50.000	47.126	5.7	67	0.00
77 T	Bromobenzene	50.000	43.447	13.1	66	0.00
78 T	n-propylbenzene	50.000	44.342	11.3	66	0.00
79 T	2-Chlorotoluene	50.000	44.263	11.5	66	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.624	10.8	66	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.332	19.3	59	0.00
82 T	4-Chlorotoluene	50.000	43.735	12.5	66	0.00
83 T	tert-Butylbenzene	50.000	44.152	11.7	65	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.567	8.9	67	0.00
85 T	sec-Butylbenzene	50.000	44.112	11.8	66	0.00
86 T	p-Isopropyltoluene	50.000	44.984	10.0	66	0.00
87 T	1,3-Dichlorobenzene	50.000	44.006	12.0	66	0.00
88 T	1,4-Dichlorobenzene	50.000	43.803	12.4	66	0.00
89 T	n-Butylbenzene	50.000	45.501	9.0	66	0.00
90 T	Hexachloroethane	50.000	45.375	9.3	68	0.00
91 T	1,2-Dichlorobenzene	50.000	44.364	11.3	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.778	16.4	61	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.644	6.7	65	0.00
94 T	Hexachlorobutadiene	50.000	46.868	6.3	69	0.00
95 T	Naphthalene	50.000	47.647	4.7	63	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	48.303	3.4	67	0.00

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