

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021825\
 Data File : VY021234.D
 Acq On : 18 Feb 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 19 04:16:17 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	37.246	25.5#	73	0.00
3 P	Chloromethane	50.000	40.059	19.9	81	0.00
4 C	Vinyl Chloride	50.000	43.247	13.5#	88	0.00
5 T	Bromomethane	50.000	44.896	10.2	93	0.00
6 T	Chloroethane	50.000	47.592	4.8	96	0.00
7 T	Trichlorofluoromethane	50.000	43.944	12.1	87	0.00
8 T	Diethyl Ether	50.000	44.514	11.0	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.378	13.2	86	0.00
10 T	Methyl Iodide	50.000	43.255	13.5	81	0.00
11 T	Tert butyl alcohol	250.000	200.486	19.8	85	0.00
12 CM	1,1-Dichloroethene	50.000	43.723	12.6#	86	0.00
13 T	Acrolein	250.000	176.454	29.4#	70	0.00
14 T	Allyl chloride	50.000	45.782	8.4	89	0.00
15 T	Acrylonitrile	250.000	230.206	7.9	88	0.01
16 T	Acetone	250.000	222.713	10.9	89	0.00
17 T	Carbon Disulfide	50.000	38.660	22.7	76	0.00
18 T	Methyl Acetate	50.000	50.756	-1.5	96	0.00
19 T	Methyl tert-butyl Ether	50.000	46.932	6.1	90	0.01
20 T	Methylene Chloride	50.000	46.876	6.2	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.848	12.3	86	0.00
22 T	Diisopropyl ether	50.000	48.314	3.4	93	0.00
23 T	Vinyl Acetate	250.000	234.652	6.1	89	0.00
24 P	1,1-Dichloroethane	50.000	46.384	7.2	92	0.00
25 T	2-Butanone	250.000	235.870	5.7	89	0.00
26 T	2,2-Dichloropropane	50.000	46.154	7.7	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.267	7.5	91	0.00
28 T	Bromochloromethane	50.000	49.795	0.4	90	0.00
29 T	Tetrahydrofuran	250.000	232.857	6.9	88	0.00
30 C	Chloroform	50.000	46.298	7.4#	91	0.00
31 T	Cyclohexane	50.000	42.044	15.9	86	0.00
32 T	1,1,1-Trichloroethane	50.000	46.064	7.9	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.283	-0.6	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	50.217	-0.4	100	0.00
36 T	1,1-Dichloropropene	50.000	44.183	11.6	88	0.00
37 T	Ethyl Acetate	50.000	44.860	10.3	86	0.00
38 T	Carbon Tetrachloride	50.000	44.619	10.8	88	0.00
39 T	Methylcyclohexane	50.000	44.876	10.2	86	0.00
40 TM	Benzene	50.000	45.758	8.5	90	0.00
41 T	Methacrylonitrile	50.000	39.294	21.4	83	0.00
42 TM	1,2-Dichloroethane	50.000	46.067	7.9	92	0.00
43 T	Isopropyl Acetate	50.000	47.463	5.1	91	0.00
44 TM	Trichloroethene	50.000	44.984	10.0	90	0.00
45 C	1,2-Dichloropropane	50.000	46.924	6.2#	93	0.00
46 T	Dibromomethane	50.000	45.602	8.8	90	0.00
47 T	Bromodichloromethane	50.000	47.572	4.9	94	0.00
48 T	Methyl methacrylate	50.000	47.957	4.1	92	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	979.059	2.1	93	0.00
50 S	Toluene-d8	50.000	49.582	0.8	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.184	4.3	90	0.00
52 CM	Toluene	50.000	45.604	8.8#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	47.874	4.3	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.846	4.3	93	0.00
55 T	1,1,2-Trichloroethane	50.000	46.445	7.1	91	0.00
56 T	Ethyl methacrylate	50.000	50.011	-0.0	91	0.00
57 T	1,3-Dichloropropane	50.000	47.333	5.3	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.524	-9.0	102	0.00
59 T	2-Hexanone	250.000	245.733	1.7	89	0.00
60 T	Dibromochloromethane	50.000	46.820	6.4	92	0.00
61 T	1,2-Dibromoethane	50.000	46.969	6.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	54.796	-9.6	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	42.691	14.6	86	0.00
65 PM	Chlorobenzene	50.000	44.987	10.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.550	8.9	93	0.00
67 C	Ethyl Benzene	50.000	45.785	8.4#	91	0.00
68 T	m/p-Xylenes	100.000	90.687	9.3	90	0.00
69 T	o-Xylene	50.000	47.269	5.5	94	0.00
70 T	Styrene	50.000	47.145	5.7	92	0.00
71 P	Bromoform	50.000	45.566	8.9	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	44.401	11.2	93	0.00
74 T	N-amyl acetate	50.000	47.394	5.2	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.364	11.3	93	0.00
76 T	1,2,3-Trichloropropane	50.000	48.587	2.8	97	0.00
77 T	Bromobenzene	50.000	43.874	12.3	93	0.00
78 T	n-propylbenzene	50.000	43.826	12.3	91	0.00
79 T	2-Chlorotoluene	50.000	43.583	12.8	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.342	11.3	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.980	12.0	89	0.00
82 T	4-Chlorotoluene	50.000	43.674	12.7	92	0.00
83 T	tert-Butylbenzene	50.000	44.217	11.6	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.568	10.9	92	0.00
85 T	sec-Butylbenzene	50.000	43.744	12.5	91	0.00
86 T	p-Isopropyltoluene	50.000	44.553	10.9	91	0.00
87 T	1,3-Dichlorobenzene	50.000	43.334	13.3	91	0.00
88 T	1,4-Dichlorobenzene	50.000	42.571	14.9	89	0.00
89 T	n-Butylbenzene	50.000	45.819	8.4	93	0.00
90 T	Hexachloroethane	50.000	42.885	14.2	90	0.00
91 T	1,2-Dichlorobenzene	50.000	43.688	12.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.586	8.8	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.635	2.7	95	0.00
94 T	Hexachlorobutadiene	50.000	46.701	6.6	96	0.00
95 T	Naphthalene	50.000	54.275	-8.5	100	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	49.502	1.0	96	0.00

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