

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015948.D
 Acq On : 13 Oct 2023 10:28
 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: Oct 13 16:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	46.009	8.0	87	0.00
3 P	Chloromethane	50.000	41.858	16.3	89	0.00
4 C	Vinyl Chloride	50.000	47.273	5.5#	91	0.00
5 T	Bromomethane	50.000	54.757	-9.5	100	0.00
6 T	Chloroethane	50.000	42.913	14.2	79	0.00
7 T	Trichlorofluoromethane	50.000	46.364	7.3	90	0.00
8 T	Diethyl Ether	50.000	42.038	15.9	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.059	11.9	88	0.00
10 T	Methyl Iodide	50.000	53.161	-6.3	97	0.00
11 T	Tert butyl alcohol	250.000	177.969	28.8#	97	0.04
12 CM	1,1-Dichloroethene	50.000	46.661	6.7#	91	0.00
13 T	Acrolein	250.000	276.642	-10.7	99	0.00
14 T	Allyl chloride	50.000	49.286	1.4	94	0.00
15 T	Acrylonitrile	250.000	235.497	5.8	89	0.00
16 T	Acetone	250.000	294.020	-17.6	98	0.01
17 T	Carbon Disulfide	50.000	47.567	4.9	93	0.00
18 T	Methyl Acetate	50.000	45.012	10.0	87	0.00
19 T	Methyl tert-butyl Ether	50.000	43.647	12.7	83	0.00
20 T	Methylene Chloride	50.000	45.972	8.1	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.272	5.5	93	0.00
22 T	Diisopropyl ether	50.000	46.184	7.6	89	0.00
23 T	Vinyl Acetate	250.000	219.484	12.2	81	0.00
24 P	1,1-Dichloroethane	50.000	46.563	6.9	92	0.00
25 T	2-Butanone	250.000	254.312	-1.7	97	0.00
26 T	2,2-Dichloropropane	50.000	48.441	3.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.835	6.3	91	0.00
28 T	Bromochloromethane	50.000	48.289	3.4	94	0.00
29 T	Tetrahydrofuran	250.000	232.993	6.8	89	0.00
30 C	Chloroform	50.000	46.594	6.8#	91	0.00
31 T	Cyclohexane	50.000	42.549	14.9	87	0.00
32 T	1,1,1-Trichloroethane	50.000	46.680	6.6	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.279	9.4	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	47.780	4.4	91	0.00
36 T	1,1-Dichloropropene	50.000	46.665	6.7	92	0.00
37 T	Ethyl Acetate	50.000	33.992	32.0#	65	0.00
38 T	Carbon Tetrachloride	50.000	45.943	8.1	91	0.00
39 T	Methylcyclohexane	50.000	44.409	11.2	87	0.00
40 TM	Benzene	50.000	46.568	6.9	92	0.00
41 T	Methacrylonitrile	50.000	38.567	22.9	76	-0.01
42 TM	1,2-Dichloroethane	50.000	44.116	11.8	87	0.00
43 T	Isopropyl Acetate	50.000	8.850	82.3#	17	0.13
44 TM	Trichloroethene	50.000	47.442	5.1	96	0.00
45 C	1,2-Dichloropropane	50.000	46.335	7.3#	91	0.00
46 T	Dibromomethane	50.000	42.907	14.2	81	0.00
47 T	Bromodichloromethane	50.000	45.639	8.7	89	0.00
48 T	Methyl methacrylate	50.000	43.639	12.7	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1387.309	-38.7#	142	0.01
50 S	Toluene-d8	50.000	49.362	1.3	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	216.593	13.4	82	0.00
52 CM	Toluene	50.000	48.229	3.5#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	48.541	2.9	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.171	7.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	48.462	3.1	96	0.00
56 T	Ethyl methacrylate	50.000	49.142	1.7	93	0.00
57 T	1,3-Dichloropropane	50.000	47.252	5.5	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	181.766	27.3#	88	0.00
59 T	2-Hexanone	250.000	269.537	-7.8	103	0.00
60 T	Dibromochloromethane	50.000	48.274	3.5	93	0.00
61 T	1,2-Dibromoethane	50.000	48.058	3.9	94	0.00
62 S	4-Bromofluorobenzene	50.000	49.756	0.5	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	44.926	10.1	95	0.00
65 PM	Chlorobenzene	50.000	47.058	5.9	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.950	4.1	96	0.00
67 C	Ethyl Benzene	50.000	47.539	4.9#	94	0.00
68 T	m/p-Xylenes	100.000	95.788	4.2	95	0.00
69 T	o-Xylene	50.000	48.106	3.8	94	0.00
70 T	Styrene	50.000	48.652	2.7	95	0.00
71 P	Bromoform	50.000	48.781	2.4	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	46.515	7.0	94	0.00
74 T	N-amyl acetate	50.000	49.198	1.6	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.878	8.2	91	0.00
76 T	1,2,3-Trichloropropane	50.000	47.805	4.4	109	0.00
77 T	Bromobenzene	50.000	46.008	8.0	93	0.00
78 T	n-propylbenzene	50.000	46.692	6.6	94	0.00
79 T	2-Chlorotoluene	50.000	46.790	6.4	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.696	4.6	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.085	-2.2	99	0.00
82 T	4-Chlorotoluene	50.000	47.739	4.5	97	0.00
83 T	tert-Butylbenzene	50.000	46.224	7.6	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.312	5.4	95	0.00
85 T	sec-Butylbenzene	50.000	46.582	6.8	93	0.00
86 T	p-Isopropyltoluene	50.000	47.188	5.6	94	0.00
87 T	1,3-Dichlorobenzene	50.000	46.772	6.5	95	0.00
88 T	1,4-Dichlorobenzene	50.000	46.982	6.0	95	0.00
89 T	n-Butylbenzene	50.000	46.852	6.3	94	0.00
90 T	Hexachloroethane	50.000	47.008	6.0	96	0.00
91 T	1,2-Dichlorobenzene	50.000	46.867	6.3	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.810	-3.6	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.359	3.3	97	0.00
94 T	Hexachlorobutadiene	50.000	46.457	7.1	94	0.00
95 T	Naphthalene	50.000	50.316	-0.6	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.997	4.0	98	0.00

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