

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015442.D
 Acq On : 06 Sep 2023 09:37
 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: Sep 06 16:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	43.617	12.8	92	0.00
3 P	Chloromethane	50.000	46.892	6.2	98	0.00
4 C	Vinyl Chloride	50.000	45.537	8.9#	96	0.00
5 T	Bromomethane	50.000	50.665	-1.3	108	0.00
6 T	Chloroethane	50.000	47.682	4.6	102	0.00
7 T	Trichlorofluoromethane	50.000	45.190	9.6	97	0.00
8 T	Diethyl Ether	50.000	49.419	1.2	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.479	11.0	94	0.00
10 T	Methyl Iodide	50.000	51.102	-2.2	102	0.00
11 T	Tert butyl alcohol	250.000	197.819	20.9	90	0.00
12 CM	1,1-Dichloroethene	50.000	46.724	6.6#	100	0.00
13 T	Acrolein	250.000	233.799	6.5	88	0.00
14 T	Allyl chloride	50.000	50.070	-0.1	104	0.00
15 T	Acrylonitrile	250.000	241.867	3.3	96	-0.01
16 T	Acetone	250.000	238.403	4.6	85	0.00
17 T	Carbon Disulfide	50.000	46.398	7.2	98	0.00
18 T	Methyl Acetate	50.000	49.138	1.7	98	0.00
19 T	Methyl tert-butyl Ether	50.000	50.009	-0.0	102	0.00
20 T	Methylene Chloride	50.000	42.082	15.8	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.620	2.8	103	0.00
22 T	Diisopropyl ether	50.000	50.526	-1.1	106	0.00
23 T	Vinyl Acetate	250.000	245.283	1.9	99	0.00
24 P	1,1-Dichloroethane	50.000	49.457	1.1	106	0.00
25 T	2-Butanone	250.000	239.464	4.2	90	0.00
26 T	2,2-Dichloropropane	50.000	52.660	-5.3	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.385	-0.8	106	0.00
28 T	Bromochloromethane	50.000	47.646	4.7	105	0.00
29 T	Tetrahydrofuran	250.000	238.951	4.4	94	0.00
30 C	Chloroform	50.000	50.052	-0.1#	107	0.00
31 T	Cyclohexane	50.000	42.965	14.1	96	0.00
32 T	1,1,1-Trichloroethane	50.000	49.030	1.9	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.050	3.9	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	48.892	2.2	111	0.00
36 T	1,1-Dichloropropene	50.000	44.873	10.3	101	0.00
37 T	Ethyl Acetate	50.000	45.996	8.0	96	0.00
38 T	Carbon Tetrachloride	50.000	46.404	7.2	103	0.00
39 T	Methylcyclohexane	50.000	43.387	13.2	96	0.00
40 TM	Benzene	50.000	47.647	4.7	105	0.00
41 T	Methacrylonitrile	50.000	47.405	5.2	98	0.00
42 TM	1,2-Dichloroethane	50.000	46.348	7.3	100	0.00
43 T	Isopropyl Acetate	50.000	46.540	6.9	97	0.00
44 TM	Trichloroethene	50.000	47.391	5.2	106	0.00
45 C	1,2-Dichloropropane	50.000	47.771	4.5#	105	0.00
46 T	Dibromomethane	50.000	46.553	6.9	101	0.00
47 T	Bromodichloromethane	50.000	48.313	3.4	105	0.00
48 T	Methyl methacrylate	50.000	45.152	9.7	93	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	887.860	11.2	92	0.00
50 S	Toluene-d8	50.000	46.498	7.0	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.621	7.4	94	0.00
52 CM	Toluene	50.000	47.789	4.4#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	48.910	2.2	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.980	2.0	106	0.00
55 T	1,1,2-Trichloroethane	50.000	47.816	4.4	103	0.00
56 T	Ethyl methacrylate	50.000	48.086	3.8	100	0.00
57 T	1,3-Dichloropropane	50.000	47.340	5.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.907	7.6	104	0.00
59 T	2-Hexanone	250.000	231.636	7.3	92	0.00
60 T	Dibromochloromethane	50.000	49.678	0.6	106	0.00
61 T	1,2-Dibromoethane	50.000	47.889	4.2	102	0.00
62 S	4-Bromofluorobenzene	50.000	48.003	4.0	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	48.810	2.4	106	0.00
65 PM	Chlorobenzene	50.000	47.767	4.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.302	-0.6	110	0.00
67 C	Ethyl Benzene	50.000	47.951	4.1#	105	0.00
68 T	m/p-Xylenes	100.000	95.749	4.3	105	0.00
69 T	o-Xylene	50.000	48.599	2.8	106	0.00
70 T	Styrene	50.000	49.353	1.3	105	0.00
71 P	Bromoform	50.000	50.536	-1.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	111	0.00
73 T	Isopropylbenzene	50.000	47.563	4.9	104	0.00
74 T	N-amyl acetate	50.000	48.407	3.2	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.414	5.2	100	0.00
76 T	1,2,3-Trichloropropane	50.000	48.988	2.0	101	0.00
77 T	Bromobenzene	50.000	48.891	2.2	106	0.00
78 T	n-propylbenzene	50.000	47.319	5.4	101	0.00
79 T	2-Chlorotoluene	50.000	47.585	4.8	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.776	4.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.431	1.1	102	0.00
82 T	4-Chlorotoluene	50.000	47.722	4.6	103	0.00
83 T	tert-Butylbenzene	50.000	48.152	3.7	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.532	2.9	104	0.00
85 T	sec-Butylbenzene	50.000	47.435	5.1	102	0.00
86 T	p-Isopropyltoluene	50.000	47.716	4.6	102	0.00
87 T	1,3-Dichlorobenzene	50.000	48.160	3.7	104	0.00
88 T	1,4-Dichlorobenzene	50.000	47.627	4.7	104	0.00
89 T	n-Butylbenzene	50.000	45.813	8.4	98	0.00
90 T	Hexachloroethane	50.000	50.305	-0.6	108	0.00
91 T	1,2-Dichlorobenzene	50.000	48.704	2.6	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.584	4.8	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.125	1.8	103	0.00
94 T	Hexachlorobutadiene	50.000	47.141	5.7	105	0.00
95 T	Naphthalene	50.000	49.872	0.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.769	0.5	106	0.00

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