

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY111022\
 Data File : VY011403.D
 Acq On : 10 Nov 2022 20:02
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 10 22:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	46.242	7.5	89	0.00
3 P	Chloromethane	50.000	44.719	10.6	89	0.00
4 C	Vinyl Chloride	50.000	44.737	10.5#	89	0.00
5 T	Bromomethane	50.000	45.459	9.1	86	0.00
6 T	Chloroethane	50.000	46.827	6.3	91	0.00
7 T	Trichlorofluoromethane	50.000	47.136	5.7	91	0.00
8 T	Diethyl Ether	50.000	48.532	2.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.583	2.8	92	0.00
10 T	Methyl Iodide	50.000	46.493	7.0	89	0.00
11 T	Tert butyl alcohol	250.000	237.912	4.8	79	0.00
12 CM	1,1-Dichloroethene	50.000	46.817	6.4#	88	0.00
13 T	Acrolein	250.000	206.952	17.2	79	0.00
14 T	Allyl chloride	50.000	48.443	3.1	87	0.00
15 T	Acrylonitrile	250.000	254.407	-1.8	85	0.00
16 T	Acetone	250.000	199.599	20.2	64	0.00
17 T	Carbon Disulfide	50.000	46.274	7.5	89	0.00
18 T	Methyl Acetate	50.000	47.084	5.8	83	0.00
19 T	Methyl tert-butyl Ether	50.000	50.121	-0.2	86	0.00
20 T	Methylene Chloride	50.000	51.033	-2.1	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.719	2.6	90	0.00
22 T	Diisopropyl ether	50.000	51.538	-3.1	90	0.00
23 T	Vinyl Acetate	250.000	267.222	-6.9	87	0.00
24 P	1,1-Dichloroethane	50.000	50.186	-0.4	91	0.00
25 T	2-Butanone	250.000	233.016	6.8	76	0.00
26 T	2,2-Dichloropropane	50.000	46.801	6.4	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.049	-0.1	90	0.00
28 T	Bromochloromethane	50.000	53.608	-7.2	92	0.00
29 T	Tetrahydrofuran	250.000	259.350	-3.7	84	0.00
30 C	Chloroform	50.000	50.886	-1.8#	92	0.00
31 T	Cyclohexane	50.000	47.147	5.7	90	0.00
32 T	1,1,1-Trichloroethane	50.000	49.484	1.0	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.925	4.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	49.065	1.9	92	0.00
36 T	1,1-Dichloropropene	50.000	49.880	0.2	92	0.00
37 T	Ethyl Acetate	50.000	52.215	-4.4	87	0.00
38 T	Carbon Tetrachloride	50.000	50.260	-0.5	92	0.00
39 T	Methylcyclohexane	50.000	49.605	0.8	90	0.00
40 TM	Benzene	50.000	49.880	0.2	91	0.00
41 T	Methacrylonitrile	50.000	56.365	-12.7	88	0.01
42 TM	1,2-Dichloroethane	50.000	51.398	-2.8	91	0.00
43 T	Isopropyl Acetate	50.000	50.415	-0.8	83	0.00
44 TM	Trichloroethene	50.000	49.641	0.7	90	0.00
45 C	1,2-Dichloropropane	50.000	51.591	-3.2#	93	0.00
46 T	Dibromomethane	50.000	51.408	-2.8	89	0.00
47 T	Bromodichloromethane	50.000	51.676	-3.4	92	0.00
48 T	Methyl methacrylate	50.000	52.885	-5.8	88	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	1099.627	-10.0	89	0.00
50 S	Toluene-d8	50.000	47.169	5.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.240	-6.5	85	0.00
52 CM	Toluene	50.000	50.426	-0.9#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	51.068	-2.1	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.269	-0.5	88	0.00
55 T	1,1,2-Trichloroethane	50.000	52.049	-4.1	91	0.00
56 T	Ethyl methacrylate	50.000	53.471	-6.9	86	0.00
57 T	1,3-Dichloropropane	50.000	51.796	-3.6	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.997	-8.0	88	0.00
59 T	2-Hexanone	250.000	261.412	-4.6	81	0.00
60 T	Dibromochloromethane	50.000	52.220	-4.4	91	0.00
61 T	1,2-Dibromoethane	50.000	51.515	-3.0	88	0.00
62 S	4-Bromofluorobenzene	50.000	49.770	0.5	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	49.458	1.1	93	0.00
65 PM	Chlorobenzene	50.000	49.101	1.8	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.104	-0.2	92	0.00
67 C	Ethyl Benzene	50.000	50.223	-0.4#	92	0.00
68 T	m/p-Xylenes	100.000	100.630	-0.6	92	0.00
69 T	o-Xylene	50.000	50.585	-1.2	91	0.00
70 T	Styrene	50.000	52.063	-4.1	92	0.00
71 P	Bromoform	50.000	51.459	-2.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	48.908	2.2	91	0.00
74 T	N-ethyl acetate	50.000	51.004	-2.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.459	1.1	88	0.00
76 T	1,2,3-Trichloropropane	50.000	40.672	18.7	71	0.00
77 T	Bromobenzene	50.000	49.576	0.8	92	0.00
78 T	n-propylbenzene	50.000	49.421	1.2	93	0.00
79 T	2-Chlorotoluene	50.000	48.711	2.6	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.522	1.0	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.695	4.6	85	0.00
82 T	4-Chlorotoluene	50.000	48.622	2.8	92	0.00
83 T	tert-Butylbenzene	50.000	49.784	0.4	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.944	0.1	93	0.00
85 T	sec-Butylbenzene	50.000	49.434	1.1	93	0.00
86 T	p-Isopropyltoluene	50.000	49.976	0.0	93	0.00
87 T	1,3-Dichlorobenzene	50.000	48.507	3.0	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.806	2.4	93	0.00
89 T	n-Butylbenzene	50.000	49.575	0.8	92	0.00
90 T	Hexachloroethane	50.000	48.783	2.4	94	0.00
91 T	1,2-Dichlorobenzene	50.000	49.579	0.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.331	1.3	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.972	0.1	89	0.00
94 T	Hexachlorobutadiene	50.000	49.269	1.5	95	0.00
95 T	Naphthalene	50.000	47.058	5.9	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.998	-2.0	90	0.00

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