

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010341.D
 Acq On : 06 Sep 2022 11:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 11:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 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	43.506	13.0	86	0.00
3 P	Chloromethane	50.000	48.807	2.4	94	0.00
4 C	Vinyl Chloride	50.000	53.170	-6.3#	97	0.00
5 T	Bromomethane	50.000	62.596	-25.2#	101	0.00
6 T	Chloroethane	50.000	54.629	-9.3	98	0.00
7 T	Trichlorofluoromethane	50.000	49.000	2.0	89	0.00
8 T	Diethyl Ether	50.000	44.666	10.7	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.146	5.7	86	-0.01
10 T	Methyl Iodide	50.000	48.765	2.5	82	0.00
11 T	Tert butyl alcohol	250.000	199.329	20.3	80	0.00
12 CM	1,1-Dichloroethene	50.000	45.792	8.4#	84	0.00
13 T	Acrolein	250.000	253.913	-1.6	91	0.00
14 T	Allyl chloride	50.000	40.832	18.3	74	0.00
15 T	Acrylonitrile	250.000	205.418	17.8	76	0.00
16 T	Acetone	250.000	272.547	-9.0	85	0.00
17 T	Carbon Disulfide	50.000	42.760	14.5	80	0.00
18 T	Methyl Acetate	50.000	38.884	22.2	73	0.00
19 T	Methyl tert-butyl Ether	50.000	44.348	11.3	80	0.00
20 T	Methylene Chloride	50.000	44.241	11.5	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.888	8.2	83	0.00
22 T	Diisopropyl ether	50.000	42.834	14.3	77	0.00
23 T	Vinyl Acetate	250.000	214.377	14.2	77	0.00
24 P	1,1-Dichloroethane	50.000	44.123	11.8	79	0.00
25 T	2-Butanone	250.000	224.903	10.0	80	0.00
26 T	2,2-Dichloropropane	50.000	47.156	5.7	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.370	7.3	82	0.00
28 T	Bromochloromethane	50.000	46.081	7.8	78	0.00
29 T	Tetrahydrofuran	250.000	201.485	19.4	75	0.00
30 C	Chloroform	50.000	46.272	7.5#	83	0.00
31 T	Cyclohexane	50.000	40.864	18.3	78	0.00
32 T	1,1,1-Trichloroethane	50.000	47.440	5.1	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.866	6.3	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	45.920	8.2	84	0.00
36 T	1,1-Dichloropropene	50.000	48.636	2.7	82	0.00
37 T	Ethyl Acetate	50.000	44.020	12.0	77	0.00
38 T	Carbon Tetrachloride	50.000	51.990	-4.0	88	0.00
39 T	Methylcyclohexane	50.000	47.187	5.6	81	0.00
40 TM	Benzene	50.000	48.122	3.8	82	0.00
41 T	Methacrylonitrile	50.000	49.525	1.0	93	0.02
42 TM	1,2-Dichloroethane	50.000	48.489	3.0	83	0.00
43 T	Isopropyl Acetate	50.000	44.076	11.8	76	0.00
44 TM	Trichloroethene	50.000	50.694	-1.4	85	0.00
45 C	1,2-Dichloropropane	50.000	46.284	7.4#	79	0.00
46 T	Dibromomethane	50.000	49.163	1.7	85	0.00
47 T	Bromodichloromethane	50.000	49.868	0.3	84	0.00
48 T	Methyl methacrylate	50.000	43.147	13.7	73	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	935.228	6.5	84	0.00
50 S	Toluene-d8	50.000	53.158	-6.3	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.951	9.6	77	0.00
52 CM	Toluene	50.000	48.878	2.2#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	47.596	4.8	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.209	5.6	80	0.00
55 T	1,1,2-Trichloroethane	50.000	48.609	2.8	83	0.00
56 T	Ethyl methacrylate	50.000	46.077	7.8	78	0.00
57 T	1,3-Dichloropropane	50.000	47.004	6.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	194.600	22.2	75	0.00
59 T	2-Hexanone	250.000	238.907	4.4	79	0.00
60 T	Dibromochloromethane	50.000	50.843	-1.7	86	0.00
61 T	1,2-Dibromoethane	50.000	48.777	2.4	83	0.00
62 S	4-Bromofluorobenzene	50.000	46.666	6.7	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	52.525	-5.0	90	0.00
65 PM	Chlorobenzene	50.000	49.187	1.6	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.740	-1.5	86	0.00
67 C	Ethyl Benzene	50.000	48.792	2.4#	83	0.00
68 T	m/p-Xylenes	100.000	99.358	0.6	84	0.00
69 T	o-Xylene	50.000	49.219	1.6	84	0.00
70 T	Styrene	50.000	49.757	0.5	84	0.00
71 P	Bromoform	50.000	50.647	-1.3	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	47.532	4.9	84	0.00
74 T	N-amyl acetate	50.000	44.014	12.0	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.069	11.9	80	0.00
76 T	1,2,3-Trichloropropane	50.000	44.527	10.9	79	0.00
77 T	Bromobenzene	50.000	48.072	3.9	87	0.00
78 T	n-propylbenzene	50.000	47.388	5.2	84	0.00
79 T	2-Chlorotoluene	50.000	46.704	6.6	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.860	4.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.587	10.8	79	0.00
82 T	4-Chlorotoluene	50.000	47.679	4.6	85	0.00
83 T	tert-Butylbenzene	50.000	48.561	2.9	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.122	3.8	86	0.00
85 T	sec-Butylbenzene	50.000	48.351	3.3	86	0.00
86 T	p-Isopropyltoluene	50.000	49.768	0.5	87	0.00
87 T	1,3-Dichlorobenzene	50.000	49.660	0.7	88	0.00
88 T	1,4-Dichlorobenzene	50.000	49.509	1.0	89	0.00
89 T	n-Butylbenzene	50.000	48.138	3.7	86	0.00
90 T	Hexachloroethane	50.000	47.795	4.4	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.986	2.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.594	14.8	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.964	0.1	92	0.00
94 T	Hexachlorobutadiene	50.000	50.384	-0.8	92	0.00
95 T	Naphthalene	50.000	47.472	5.1	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.539	-1.1	93	0.00

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