

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007988.D
 Acq On : 22 Mar 2022 05:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 06:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 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	55	0.00
2 T	Dichlorodifluoromethane	50.000	44.643	10.7	54	0.00
3 P	Chloromethane	50.000	60.519	-21.0	69	0.00
4 C	Vinyl Chloride	50.000	59.619	-19.2#	70	0.00
5 T	Bromomethane	50.000	81.658	-63.3#	83	0.00
6 T	Chloroethane	50.000	54.628	-9.3	76	0.00
7 T	Trichlorofluoromethane	50.000	46.101	7.8	61	0.00
8 T	Diethyl Ether	50.000	55.745	-11.5	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.787	6.4	62	0.00
10 T	Methyl Iodide	50.000	45.307	9.4	57	0.00
11 T	Tert butyl alcohol	250.000	336.430	-34.6#	83	0.00
12 CM	1,1-Dichloroethene	50.000	45.753	8.5#	62	0.00
13 T	Acrolein	250.000	110.249	55.9#	55	0.00
14 T	Allyl chloride	50.000	48.645	2.7	64	0.00
15 T	Acrylonitrile	250.000	329.269	-31.7#	81	0.00
16 T	Acetone	250.000	287.520	-15.0	65	0.00
17 T	Carbon Disulfide	50.000	51.687	-3.4	62	0.00
18 T	Methyl Acetate	50.000	73.653	-47.3#	82	0.00
19 T	Methyl tert-butyl Ether	50.000	62.101	-24.2	77	0.00
20 T	Methylene Chloride	50.000	65.308	-30.6#	70	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.278	-0.6	68	0.00
22 T	Diisopropyl ether	50.000	61.258	-22.5	77	0.01
23 T	Vinyl Acetate	250.000	326.244	-30.5#	77	0.00
24 P	1,1-Dichloroethane	50.000	58.132	-16.3	75	0.00
25 T	2-Butanone	250.000	309.282	-23.7	74	0.00
26 T	2,2-Dichloropropane	50.000	47.075	5.8	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.967	-13.9	73	0.00
28 T	Bromochloromethane	50.000	61.794	-23.6	72	0.00
29 T	Tetrahydrofuran	250.000	321.898	-28.8#	81	0.00
30 C	Chloroform	50.000	60.226	-20.5#	76	0.00
31 T	Cyclohexane	50.000	53.994	-8.0	63	0.00
32 T	1,1,1-Trichloroethane	50.000	55.441	-10.9	71	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.174	-16.3	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	49.864	0.3	74	0.00
36 T	1,1-Dichloropropene	50.000	43.771	12.5	68	0.00
37 T	Ethyl Acetate	50.000	55.060	-10.1	80	0.00
38 T	Carbon Tetrachloride	50.000	44.496	11.0	68	0.00
39 T	Methylcyclohexane	50.000	46.183	7.6	64	0.00
40 TM	Benzene	50.000	47.819	4.4	73	0.00
41 T	Methacrylonitrile	50.000	47.377	5.2	75	0.00
42 TM	1,2-Dichloroethane	50.000	53.158	-6.3	79	0.00
43 T	Isopropyl Acetate	50.000	54.863	-9.7	79	0.00
44 TM	Trichloroethene	50.000	44.586	10.8	68	0.00
45 C	1,2-Dichloropropane	50.000	51.286	-2.6#	76	0.00
46 T	Dibromomethane	50.000	52.306	-4.6	77	0.00
47 T	Bromodichloromethane	50.000	52.327	-4.7	77	0.00
48 T	Methyl methacrylate	50.000	52.654	-5.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1185.212	-18.5	90	0.00
50 S	Toluene-d8	50.000	55.462	-10.9	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.834	-12.7	82	0.00
52 CM	Toluene	50.000	48.018	4.0#	74	0.00
53 T	t-1,3-Dichloropropene	50.000	49.504	1.0	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.684	2.6	72	0.00
55 T	1,1,2-Trichloroethane	50.000	53.293	-6.6	78	0.00
56 T	Ethyl methacrylate	50.000	53.665	-7.3	78	0.00
57 T	1,3-Dichloropropane	50.000	53.134	-6.3	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.618	-6.2	73	0.00
59 T	2-Hexanone	250.000	272.494	-9.0	78	0.00
60 T	Dibromochloromethane	50.000	51.822	-3.6	75	0.00
61 T	1,2-Dibromoethane	50.000	52.354	-4.7	78	0.00
62 S	4-Bromofluorobenzene	50.000	46.576	6.8	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64 T	Tetrachloroethene	50.000	41.541	16.9	67	0.00
65 PM	Chlorobenzene	50.000	48.337	3.3	75	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.665	-1.3	76	0.00
67 C	Ethyl Benzene	50.000	47.164	5.7#	74	0.00
68 T	m/p-Xylenes	100.000	94.436	5.6	74	0.00
69 T	o-Xylene	50.000	48.104	3.8	75	0.00
70 T	Styrene	50.000	49.683	0.6	75	0.00
71 P	Bromoform	50.000	49.544	0.9	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	46.474	7.1	73	0.00
74 T	N-amyl acetate	50.000	51.444	-2.9	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.034	-8.1	82	0.00
76 T	1,2,3-Trichloropropane	50.000	52.384	-4.8	79	0.00
77 T	Bromobenzene	50.000	47.194	5.6	74	0.00
78 T	n-propylbenzene	50.000	45.946	8.1	73	0.00
79 T	2-Chlorotoluene	50.000	47.426	5.1	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.826	6.3	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.228	5.5	71	0.00
82 T	4-Chlorotoluene	50.000	47.129	5.7	74	0.00
83 T	tert-Butylbenzene	50.000	47.390	5.2	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.454	5.1	75	0.00
85 T	sec-Butylbenzene	50.000	46.676	6.6	73	0.00
86 T	p-Isopropyltoluene	50.000	46.425	7.2	73	0.00
87 T	1,3-Dichlorobenzene	50.000	48.230	3.5	75	0.00
88 T	1,4-Dichlorobenzene	50.000	48.154	3.7	75	0.00
89 T	n-Butylbenzene	50.000	44.942	10.1	70	0.00
90 T	Hexachloroethane	50.000	48.501	3.0	75	0.00
91 T	1,2-Dichlorobenzene	50.000	49.996	0.0	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.598	0.8	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	41.747	16.5	62	0.00
94 T	Hexachlorobutadiene	50.000	38.430	23.1	59	0.00
95 T	Naphthalene	50.000	50.217	-0.4	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.356	13.3	64	0.00

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