

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011488.D
 Acq On : 16 Nov 2022 20:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 17 03:18:30 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	42.543	14.9	75	0.00
3 P	Chloromethane	50.000	39.528	20.9	72	0.00
4 C	Vinyl Chloride	50.000	41.135	17.7#	75	0.00
5 T	Bromomethane	50.000	42.959	14.1	74	0.00
6 T	Chloroethane	50.000	44.657	10.7	79	0.00
7 T	Trichlorofluoromethane	50.000	45.429	9.1	80	0.00
8 T	Diethyl Ether	50.000	48.363	3.3	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.978	6.0	81	0.00
10 T	Methyl Iodide	50.000	45.738	8.5	81	0.00
11 T	Tert butyl alcohol	250.000	221.527	11.4	68	0.00
12 CM	1,1-Dichloroethene	50.000	44.464	11.1#	76	0.00
13 T	Acrolein	250.000	269.277	-7.7	90	0.00
14 T	Allyl chloride	50.000	45.410	9.2	75	0.00
15 T	Acrylonitrile	250.000	266.678	-6.7	82	0.00
16 T	Acetone	250.000	224.343	10.3	66	0.00
17 T	Carbon Disulfide	50.000	40.328	19.3	71	0.01
18 T	Methyl Acetate	50.000	48.838	2.3	79	0.00
19 T	Methyl tert-butyl Ether	50.000	50.891	-1.8	80	0.00
20 T	Methylene Chloride	50.000	44.861	10.3	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.356	7.3	78	0.00
22 T	Diisopropyl ether	50.000	49.852	0.3	80	0.00
23 T	Vinyl Acetate	250.000	262.002	-4.8	78	0.00
24 P	1,1-Dichloroethane	50.000	47.705	4.6	79	0.00
25 T	2-Butanone	250.000	247.335	1.1	74	0.00
26 T	2,2-Dichloropropane	50.000	46.104	7.8	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.850	2.3	80	0.00
28 T	Bromochloromethane	50.000	49.798	0.4	78	0.00
29 T	Tetrahydrofuran	250.000	266.484	-6.6	79	0.00
30 C	Chloroform	50.000	50.006	-0.0#	83	0.00
31 T	Cyclohexane	50.000	43.294	13.4	76	0.00
32 T	1,1,1-Trichloroethane	50.000	48.467	3.1	81	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.442	7.1	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	48.842	2.3	84	0.00
36 T	1,1-Dichloropropene	50.000	47.331	5.3	80	0.00
37 T	Ethyl Acetate	50.000	52.878	-5.8	81	0.00
38 T	Carbon Tetrachloride	50.000	49.138	1.7	82	0.00
39 T	Methylcyclohexane	50.000	47.085	5.8	78	0.00
40 TM	Benzene	50.000	48.178	3.6	80	0.00
41 T	Methacrylonitrile	50.000	52.267	-4.5	75	0.00
42 TM	1,2-Dichloroethane	50.000	50.757	-1.5	82	0.00
43 T	Isopropyl Acetate	50.000	51.316	-2.6	77	0.00
44 TM	Trichloroethene	50.000	48.860	2.3	81	0.00
45 C	1,2-Dichloropropane	50.000	49.284	1.4#	81	0.00
46 T	Dibromomethane	50.000	51.380	-2.8	82	0.00
47 T	Bromodichloromethane	50.000	50.997	-2.0	83	0.00
48 T	Methyl methacrylate	50.000	51.362	-2.7	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1129.324	-12.9	84	0.00
50 S	Toluene-d8	50.000	45.755	8.5	82	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.828	-10.3	81	0.00
52 CM	Toluene	50.000	49.712	0.6#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	51.168	-2.3	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.817	0.4	80	0.00
55 T	1,1,2-Trichloroethane	50.000	52.808	-5.6	84	0.00
56 T	Ethyl methacrylate	50.000	54.435	-8.9	80	0.00
57 T	1,3-Dichloropropane	50.000	51.974	-3.9	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.844	-10.3	83	0.00
59 T	2-Hexanone	250.000	272.049	-8.8	77	0.00
60 T	Dibromochloromethane	50.000	52.767	-5.5	84	0.00
61 T	1,2-Dibromoethane	50.000	52.031	-4.1	82	0.00
62 S	4-Bromofluorobenzene	50.000	50.198	-0.4	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	48.950	2.1	85	0.00
65 PM	Chlorobenzene	50.000	48.615	2.8	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.236	-0.5	85	0.00
67 C	Ethyl Benzene	50.000	48.567	2.9#	82	0.00
68 T	m/p-Xylenes	100.000	98.139	1.9	83	0.00
69 T	o-Xylene	50.000	49.897	0.2	83	0.00
70 T	Styrene	50.000	50.882	-1.8	83	0.00
71 P	Bromoform	50.000	52.302	-4.6	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	48.322	3.4	84	0.00
74 T	N-amyl acetate	50.000	49.835	0.3	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.413	-0.8	84	0.00
76 T	1,2,3-Trichloropropane	50.000	45.613	8.8	74	0.00
77 T	Bromobenzene	50.000	48.623	2.8	84	0.00
78 T	n-propylbenzene	50.000	47.927	4.1	84	0.00
79 T	2-Chlorotoluene	50.000	47.419	5.2	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.632	2.7	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.761	0.5	82	0.00
82 T	4-Chlorotoluene	50.000	47.951	4.1	85	0.00
83 T	tert-Butylbenzene	50.000	48.792	2.4	84	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.166	1.7	85	0.00
85 T	sec-Butylbenzene	50.000	49.271	1.5	86	0.00
86 T	p-Isopropyltoluene	50.000	49.654	0.7	86	0.00
87 T	1,3-Dichlorobenzene	50.000	47.923	4.2	84	0.00
88 T	1,4-Dichlorobenzene	50.000	48.446	3.1	86	0.00
89 T	n-Butylbenzene	50.000	49.374	1.3	86	0.00
90 T	Hexachloroethane	50.000	48.468	3.1	87	0.00
91 T	1,2-Dichlorobenzene	50.000	48.980	2.0	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.423	-0.8	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.200	1.6	82	0.00
94 T	Hexachlorobutadiene	50.000	51.366	-2.7	92	0.00
95 T	Naphthalene	50.000	48.539	2.9	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.070	-2.1	84	0.00

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