

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY112423\
 Data File : VY016497.D
 Acq On : 24 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 27 04:50:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	80	0.02
2 T	Dichlorodifluoromethane	50.000	48.016	4.0	82	0.01
3 P	Chloromethane	50.000	46.051	7.9	78	0.00
4 C	Vinyl Chloride	50.000	48.830	2.3#	82	0.00
5 T	Bromomethane	50.000	49.871	0.3	84	0.00
6 T	Chloroethane	50.000	48.957	2.1	82	0.01
7 T	Trichlorofluoromethane	50.000	52.985	-6.0	86	0.01
8 T	Diethyl Ether	50.000	58.966	-17.9	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.887	-1.8	85	0.02
10 T	Methyl Iodide	50.000	57.484	-15.0	91	0.01
11 T	Tert butyl alcohol	250.000	288.995	-15.6	95	0.01
12 CM	1,1-Dichloroethene	50.000	52.329	-4.7#	86	0.01
13 T	Acrolein	250.000	203.746	18.5	64	0.02
14 T	Allyl chloride	50.000	47.105	5.8	75	0.01
15 T	Acrylonitrile	250.000	296.927	-18.8	93	0.01
16 T	Acetone	250.000	305.896	-22.4	103	0.02
17 T	Carbon Disulfide	50.000	51.915	-3.8	85	0.02
18 T	Methyl Acetate	50.000	67.887	-35.8#	108	0.02
19 T	Methyl tert-butyl Ether	50.000	59.657	-19.3	95	0.02
20 T	Methylene Chloride	50.000	59.097	-18.2	91	0.02
21 T	trans-1,2-Dichloroethene	50.000	55.059	-10.1	91	0.02
22 T	Diisopropyl ether	50.000	49.617	0.8	78	0.01
23 T	Vinyl Acetate	250.000	242.036	3.2	75	0.02
24 P	1,1-Dichloroethane	50.000	52.554	-5.1	85	0.01
25 T	2-Butanone	250.000	283.141	-13.3	91	0.01
26 T	2,2-Dichloropropane	50.000	48.758	2.5	79	0.01
27 T	cis-1,2-Dichloroethene	50.000	56.946	-13.9	92	0.01
28 T	Bromochloromethane	50.000	51.903	-3.8	84	0.01
29 T	Tetrahydrofuran	250.000	287.261	-14.9	89	0.01
30 C	Chloroform	50.000	56.552	-13.1#	92	0.01
31 T	Cyclohexane	50.000	44.269	11.5	75	0.01
32 T	1,1,1-Trichloroethane	50.000	55.758	-11.5	91	0.02
33 S	1,2-Dichloroethane-d4	50.000	55.184	-10.4	91	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.01
35 S	Dibromofluoromethane	50.000	59.265	-18.5	96	0.00
36 T	1,1-Dichloropropene	50.000	51.142	-2.3	83	0.02
37 T	Ethyl Acetate	50.000	53.242	-6.5	85	0.02
38 T	Carbon Tetrachloride	50.000	56.162	-12.3	91	0.01
39 T	Methylcyclohexane	50.000	50.877	-1.8	82	0.01
40 TM	Benzene	50.000	55.032	-10.1	88	0.01
41 T	Methacrylonitrile	50.000	48.250	3.5	80	0.00
42 TM	1,2-Dichloroethane	50.000	58.186	-16.4	92	0.02
43 T	Isopropyl Acetate	50.000	52.498	-5.0	82	0.01
44 TM	Trichloroethene	50.000	58.434	-16.9	95	0.00
45 C	1,2-Dichloropropane	50.000	53.806	-7.6#	85	0.01
46 T	Dibromomethane	50.000	61.329	-22.7	97	0.00
47 T	Bromodichloromethane	50.000	57.665	-15.3	92	0.01
48 T	Methyl methacrylate	50.000	55.138	-10.3	84	0.01

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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	1288.632	-28.9#	99	0.00
50 S	Toluene-d8	50.000	54.120	-8.2	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.656	-14.3	89	0.00
52 CM	Toluene	50.000	56.233	-12.5#	90	0.01
53 T	t-1,3-Dichloropropene	50.000	58.722	-17.4	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.335	-12.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	62.736	-25.5#	99	0.00
56 T	Ethyl methacrylate	50.000	62.814	-25.6#	95	0.00
57 T	1,3-Dichloropropane	50.000	60.116	-20.2	94	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	302.593	-21.0	88	0.00
59 T	2-Hexanone	250.000	268.427	-7.4	89	0.00
60 T	Dibromochloromethane	50.000	65.104	-30.2#	101	0.00
61 T	1,2-Dibromoethane	50.000	63.005	-26.0#	99	0.00
62 S	4-Bromofluorobenzene	50.000	57.506	-15.0	94	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	61.110	-22.2	102	0.01
65 PM	Chlorobenzene	50.000	55.848	-11.7	94	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	59.131	-18.3	98	0.01
67 C	Ethyl Benzene	50.000	53.581	-7.2#	89	0.01
68 T	m/p-Xylenes	100.000	110.084	-10.1	91	0.00
69 T	o-Xylene	50.000	56.838	-13.7	92	0.01
70 T	Styrene	50.000	58.158	-16.3	94	0.00
71 P	Bromoform	50.000	67.368	-34.7#	109	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	51.696	-3.4	90	0.01
74 T	N-amyl acetate	50.000	46.229	7.5	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.349	-14.7	100	0.00
76 T	1,2,3-Trichloropropane	50.000	57.256	-14.5	106	0.00
77 T	Bromobenzene	50.000	56.751	-13.5	98	0.01
78 T	n-propylbenzene	50.000	49.852	0.3	87	0.01
79 T	2-Chlorotoluene	50.000	51.710	-3.4	90	0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.831	-5.7	92	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	54.109	-8.2	94	0.01
82 T	4-Chlorotoluene	50.000	51.479	-3.0	90	0.01
83 T	tert-Butylbenzene	50.000	52.354	-4.7	91	0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.993	-6.0	92	0.00
85 T	sec-Butylbenzene	50.000	50.782	-1.6	89	0.00
86 T	p-Isopropyltoluene	50.000	52.152	-4.3	90	0.00
87 T	1,3-Dichlorobenzene	50.000	54.472	-8.9	96	0.01
88 T	1,4-Dichlorobenzene	50.000	54.866	-9.7	97	0.01
89 T	n-Butylbenzene	50.000	49.509	1.0	85	0.01
90 T	Hexachloroethane	50.000	53.243	-6.5	94	0.00
91 T	1,2-Dichlorobenzene	50.000	56.035	-12.1	99	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.215	-14.4	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.392	-16.8	102	0.01
94 T	Hexachlorobutadiene	50.000	56.136	-12.3	100	0.00
95 T	Naphthalene	50.000	64.039	-28.1#	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.637	-19.3	108	0.00

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