

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016699.D
 Acq On : 19 Dec 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 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	98	0.01
2 T	Dichlorodifluoromethane	50.000	47.500	5.0	93	0.00
3 P	Chloromethane	50.000	48.546	2.9	90	0.00
4 C	Vinyl Chloride	50.000	44.702	10.6#	95	0.01
5 T	Bromomethane	50.000	42.735	14.5	96	0.01
6 T	Chloroethane	50.000	43.011	14.0	95	0.01
7 T	Trichlorofluoromethane	50.000	44.553	10.9	95	0.00
8 T	Diethyl Ether	50.000	46.525	7.0	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.882	6.2	98	0.01
10 T	Methyl Iodide	50.000	49.669	0.7	99	0.01
11 T	Tert butyl alcohol	250.000	239.141	4.3	96	0.00
12 CM	1,1-Dichloroethene	50.000	46.335	7.3#	96	0.01
13 T	Acrolein	250.000	238.540	4.6	100	0.01
14 T	Allyl chloride	50.000	46.741	6.5	95	0.01
15 T	Acrylonitrile	250.000	235.099	6.0	98	0.00
16 T	Acetone	250.000	239.496	4.2	100	0.01
17 T	Carbon Disulfide	50.000	48.068	3.9	96	0.01
18 T	Methyl Acetate	50.000	49.024	2.0	98	0.00
19 T	Methyl tert-butyl Ether	50.000	49.465	1.1	100	0.01
20 T	Methylene Chloride	50.000	49.635	0.7	94	0.01
21 T	trans-1,2-Dichloroethene	50.000	47.076	5.8	95	0.00
22 T	Diisopropyl ether	50.000	48.894	2.2	95	0.00
23 T	Vinyl Acetate	250.000	243.250	2.7	98	0.00
24 P	1,1-Dichloroethane	50.000	46.575	6.8	95	0.00
25 T	2-Butanone	250.000	245.917	1.6	103	0.00
26 T	2,2-Dichloropropane	50.000	48.086	3.8	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.466	5.1	96	0.00
28 T	Bromochloromethane	50.000	55.686	-11.4	117	0.00
29 T	Tetrahydrofuran	250.000	242.340	3.1	100	0.00
30 C	Chloroform	50.000	47.120	5.8#	97	0.00
31 T	Cyclohexane	50.000	45.264	9.5	95	0.00
32 T	1,1,1-Trichloroethane	50.000	48.044	3.9	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.579	0.8	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	50.274	-0.5	92	0.00
36 T	1,1-Dichloropropene	50.000	48.727	2.5	97	0.00
37 T	Ethyl Acetate	50.000	48.110	3.8	101	0.00
38 T	Carbon Tetrachloride	50.000	48.029	3.9	97	0.00
39 T	Methylcyclohexane	50.000	50.403	-0.8	97	0.00
40 TM	Benzene	50.000	48.251	3.5	96	0.00
41 T	Methacrylonitrile	50.000	43.380	13.2	75	0.00
42 TM	1,2-Dichloroethane	50.000	48.776	2.4	98	0.00
43 T	Isopropyl Acetate	50.000	49.178	1.6	100	0.00
44 TM	Trichloroethene	50.000	48.974	2.1	99	0.00
45 C	1,2-Dichloropropane	50.000	48.146	3.7#	96	0.00
46 T	Dibromomethane	50.000	50.129	-0.3	101	0.00
47 T	Bromodichloromethane	50.000	48.489	3.0	97	0.00
48 T	Methyl methacrylate	50.000	49.699	0.6	96	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	912.967	8.7	89	0.01
50 S	Toluene-d8	50.000	51.250	-2.5	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.101	-2.4	103	0.00
52 CM	Toluene	50.000	49.209	1.6#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	49.726	0.5	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.079	-0.2	98	0.00
55 T	1,1,2-Trichloroethane	50.000	48.820	2.4	100	0.00
56 T	Ethyl methacrylate	50.000	52.011	-4.0	102	0.00
57 T	1,3-Dichloropropane	50.000	49.990	0.0	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	220.954	11.6	96	0.00
59 T	2-Hexanone	250.000	244.721	2.1	104	0.00
60 T	Dibromochloromethane	50.000	50.052	-0.1	99	0.00
61 T	1,2-Dibromoethane	50.000	49.993	0.0	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.109	-0.2	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	49.751	0.5	98	0.00
65 PM	Chlorobenzene	50.000	50.028	-0.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.722	0.6	99	0.00
67 C	Ethyl Benzene	50.000	50.190	-0.4#	97	0.00
68 T	m/p-Xylenes	100.000	101.736	-1.7	97	0.00
69 T	o-Xylene	50.000	50.807	-1.6	96	0.00
70 T	Styrene	50.000	51.394	-2.8	97	0.00
71 P	Bromoform	50.000	50.959	-1.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	51.910	-3.8	99	0.00
74 T	N-ethyl acetate	50.000	52.705	-5.4	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.605	0.8	100	0.00
76 T	1,2,3-Trichloropropane	50.000	52.879	-5.8	99	0.00
77 T	Bromobenzene	50.000	49.643	0.7	98	0.00
78 T	n-propylbenzene	50.000	51.096	-2.2	97	0.00
79 T	2-Chlorotoluene	50.000	49.818	0.4	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.173	-4.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.206	-0.4	99	0.00
82 T	4-Chlorotoluene	50.000	49.984	0.0	97	0.00
83 T	tert-Butylbenzene	50.000	50.996	-2.0	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.566	-3.1	96	0.00
85 T	sec-Butylbenzene	50.000	51.295	-2.6	97	0.00
86 T	p-Isopropyltoluene	50.000	52.513	-5.0	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.405	-0.8	99	0.00
88 T	1,4-Dichlorobenzene	50.000	50.404	-0.8	99	0.00
89 T	n-Butylbenzene	50.000	52.882	-5.8	99	0.00
90 T	Hexachloroethane	50.000	50.878	-1.8	99	0.00
91 T	1,2-Dichlorobenzene	50.000	51.113	-2.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.854	4.3	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.830	-7.7	107	0.01
94 T	Hexachlorobutadiene	50.000	52.977	-6.0	105	0.01
95 T	Naphthalene	50.000	54.519	-9.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.649	-7.3	107	0.01

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