

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017928.D
 Acq On : 12 Apr 2024 16:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 13 00:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 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	49	0.00
2 T	Dichlorodifluoromethane	50.000	57.159	-14.3	68	0.00
3 P	Chloromethane	50.000	61.633	-23.3	68	0.00
4 C	Vinyl Chloride	50.000	70.846	-41.7#	79	0.00
5 T	Bromomethane	50.000	83.457	-66.9#	98	0.00
6 T	Chloroethane	50.000	95.956	-91.9#	107	0.00
7 T	Trichlorofluoromethane	50.000	59.915	-19.8	69	0.00
8 T	Diethyl Ether	50.000	57.877	-15.8	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.474	-8.9	62	0.00
10 T	Methyl Iodide	50.000	62.795	-25.6#	64	0.00
11 T	Tert butyl alcohol	250.000	293.788	-17.5	62	0.00
12 CM	1,1-Dichloroethene	50.000	54.383	-8.8#	61	0.00
13 T	Acrolein	250.000	152.536	39.0#	33	0.00
14 T	Allyl chloride	50.000	53.307	-6.6	59	0.00
15 T	Acrylonitrile	250.000	287.746	-15.1	63	0.00
16 T	Acetone	250.000	239.879	4.0	51	0.00
17 T	Carbon Disulfide	50.000	49.043	1.9	51	0.00
18 T	Methyl Acetate	50.000	60.151	-20.3	67	0.00
19 T	Methyl tert-butyl Ether	50.000	62.737	-25.5#	69	0.00
20 T	Methylene Chloride	50.000	56.193	-12.4	60	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.039	-16.1	63	0.00
22 T	Diisopropyl ether	50.000	61.154	-22.3	67	0.00
23 T	Vinyl Acetate	250.000	299.005	-19.6	65	0.00
24 P	1,1-Dichloroethane	50.000	60.555	-21.1	68	0.00
25 T	2-Butanone	250.000	270.190	-8.1	59	0.00
26 T	2,2-Dichloropropane	50.000	56.581	-13.2	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	61.540	-23.1	68	0.00
28 T	Bromochloromethane	50.000	58.563	-17.1	55	0.00
29 T	Tetrahydrofuran	250.000	288.401	-15.4	63	0.00
30 C	Chloroform	50.000	63.810	-27.6#	72	0.00
31 T	Cyclohexane	50.000	49.408	1.2	56	0.00
32 T	1,1,1-Trichloroethane	50.000	62.067	-24.1	70	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.784	-13.6	61	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	51	0.00
35 S	Dibromofluoromethane	50.000	54.245	-8.5	59	0.00
36 T	1,1-Dichloropropene	50.000	55.837	-11.7	63	0.00
37 T	Ethyl Acetate	50.000	55.897	-11.8	66	0.00
38 T	Carbon Tetrachloride	50.000	57.478	-15.0	67	0.00
39 T	Methylcyclohexane	50.000	53.853	-7.7	60	0.00
40 TM	Benzene	50.000	58.379	-16.8	68	0.00
41 T	Methacrylonitrile	50.000	62.835	-25.7#	69	0.00
42 TM	1,2-Dichloroethane	50.000	61.398	-22.8	71	0.00
43 T	Isopropyl Acetate	50.000	57.124	-14.2	67	0.00
44 TM	Trichloroethene	50.000	56.977	-14.0	66	0.00
45 C	1,2-Dichloropropane	50.000	58.699	-17.4#	68	0.00
46 T	Dibromomethane	50.000	59.875	-19.8	69	0.00
47 T	Bromodichloromethane	50.000	64.189	-28.4#	75	0.00
48 T	Methyl methacrylate	50.000	58.219	-16.4	64	0.00

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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	1188.772	-18.9	67	0.00
50 S	Toluene-d8	50.000	52.426	-4.9	57	0.00
51 T	4-Methyl-2-Pentanone	250.000	312.311	-24.9	69	0.00
52 CM	Toluene	50.000	60.532	-21.1#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	60.561	-21.1	70	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.369	-18.7	68	0.00
55 T	1,1,2-Trichloroethane	50.000	61.807	-23.6	73	0.00
56 T	Ethyl methacrylate	50.000	62.140	-24.3	68	0.00
57 T	1,3-Dichloropropane	50.000	61.153	-22.3	71	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.186	-17.7	56	0.00
59 T	2-Hexanone	250.000	294.901	-18.0	64	0.00
60 T	Dibromochloromethane	50.000	62.241	-24.5	73	0.00
61 T	1,2-Dibromoethane	50.000	61.027	-22.1	70	0.00
62 S	4-Bromofluorobenzene	50.000	55.183	-10.4	61	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	55	0.00
64 T	Tetrachloroethene	50.000	54.364	-8.7	68	0.00
65 PM	Chlorobenzene	50.000	56.267	-12.5	71	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.468	-18.9	76	0.00
67 C	Ethyl Benzene	50.000	58.870	-17.7#	73	0.00
68 T	m/p-Xylenes	100.000	115.644	-15.6	72	0.00
69 T	o-Xylene	50.000	63.935	-27.9#	75	0.00
70 T	Styrene	50.000	64.344	-28.7#	75	0.00
71 P	Bromoform	50.000	56.841	-13.7	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	38.975	22.0	74	0.00
74 T	N-amyl acetate	50.000	42.454	15.1	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	37.669	24.7	73	0.00
76 T	1,2,3-Trichloropropane	50.000	40.050	19.9	74	0.00
77 T	Bromobenzene	50.000	37.570	24.9	73	0.00
78 T	n-propylbenzene	50.000	38.248	23.5	71	0.00
79 T	2-Chlorotoluene	50.000	37.668	24.7	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	38.852	22.3	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	38.697	22.6	65	0.00
82 T	4-Chlorotoluene	50.000	36.758	26.5#	69	0.00
83 T	tert-Butylbenzene	50.000	52.154	-4.3	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.469	-2.9	96	0.00
85 T	sec-Butylbenzene	50.000	55.360	-10.7	104	0.00
86 T	p-Isopropyltoluene	50.000	67.723	-35.4#	128	0.00
87 T	1,3-Dichlorobenzene	50.000	63.638	-27.3#	124	0.00
88 T	1,4-Dichlorobenzene	50.000	53.138	-6.3	102	0.00
89 T	n-Butylbenzene	50.000	71.538	-43.1#	132	0.00
90 T	Hexachloroethane	50.000	58.967	-17.9	115	0.00
91 T	1,2-Dichlorobenzene	50.000	62.452	-24.9	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	74.567	-49.1#	142	0.00
93 T	1,2,4-Trichlorobenzene	50.000	83.642	-67.3#	151	0.00
94 T	Hexachlorobutadiene	50.000	81.120	-62.2#	155	0.00
95 T	Naphthalene	50.000	78.748	-57.5#	150	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	82.214	-64.4#	149	0.00

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