

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017452.D
 Acq On : 22 Feb 2024 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 23 00:27:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	46.685	6.6	114	0.00
3 P	Chloromethane	50.000	40.968	18.1	90	0.00
4 C	Vinyl Chloride	50.000	41.033	17.9#	95	0.00
5 T	Bromomethane	50.000	42.404	15.2	94	0.00
6 T	Chloroethane	50.000	41.196	17.6	98	0.00
7 T	Trichlorofluoromethane	50.000	48.071	3.9	114	0.00
8 T	Diethyl Ether	50.000	52.050	-4.1	123	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.111	-2.2	124	0.00
10 T	Methyl Iodide	50.000	60.889	-21.8	136	0.00
11 T	Tert butyl alcohol	250.000	250.904	-0.4	154	-0.02
12 CM	1,1-Dichloroethene	50.000	52.102	-4.2#	124	0.00
13 T	Acrolein	250.000	309.193	-23.7	162	0.00
14 T	Allyl chloride	50.000	51.250	-2.5	121	0.00
15 T	Acrylonitrile	250.000	252.004	-0.8	124	0.00
16 T	Acetone	250.000	282.061	-12.8	139	-0.01
17 T	Carbon Disulfide	50.000	51.540	-3.1	124	0.00
18 T	Methyl Acetate	50.000	51.498	-3.0	122	0.00
19 T	Methyl tert-butyl Ether	50.000	50.796	-1.6	121	0.00
20 T	Methylene Chloride	50.000	51.480	-3.0	117	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.181	-8.4	129	0.00
22 T	Diisopropyl ether	50.000	51.008	-2.0	119	0.00
23 T	Vinyl Acetate	250.000	251.171	-0.5	118	0.00
24 P	1,1-Dichloroethane	50.000	50.920	-1.8	122	0.00
25 T	2-Butanone	250.000	260.318	-4.1	129	0.00
26 T	2,2-Dichloropropane	50.000	52.394	-4.8	126	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.075	-6.2	126	0.00
28 T	Bromochloromethane	50.000	52.415	-4.8	112	0.00
29 T	Tetrahydrofuran	250.000	247.521	1.0	120	0.00
30 C	Chloroform	50.000	51.711	-3.4#	125	0.00
31 T	Cyclohexane	50.000	48.305	3.4	118	0.00
32 T	1,1,1-Trichloroethane	50.000	51.841	-3.7	125	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.019	8.0	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	51.655	-3.3	102	0.00
36 T	1,1-Dichloropropene	50.000	53.350	-6.7	122	0.00
37 T	Ethyl Acetate	50.000	49.519	1.0	119	0.00
38 T	Carbon Tetrachloride	50.000	54.849	-9.7	125	0.00
39 T	Methylcyclohexane	50.000	54.968	-9.9	122	0.00
40 TM	Benzene	50.000	54.428	-8.9	124	0.00
41 T	Methacrylonitrile	50.000	51.403	-2.8	106	0.00
42 TM	1,2-Dichloroethane	50.000	51.710	-3.4	120	0.00
43 T	Isopropyl Acetate	50.000	52.108	-4.2	119	0.00
44 TM	Trichloroethene	50.000	56.302	-12.6	130	0.00
45 C	1,2-Dichloropropane	50.000	53.394	-6.8#	121	0.00
46 T	Dibromomethane	50.000	53.350	-6.7	124	0.00
47 T	Bromodichloromethane	50.000	53.830	-7.7	122	0.00
48 T	Methyl methacrylate	50.000	51.305	-2.6	115	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	1091.206	-9.1	128	0.00
50 S	Toluene-d8	50.000	51.612	-3.2	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.892	-4.8	119	0.00
52 CM	Toluene	50.000	56.069	-12.1#	125	0.00
53 T	t-1,3-Dichloropropene	50.000	55.355	-10.7	124	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.584	-9.2	124	0.00
55 T	1,1,2-Trichloroethane	50.000	54.027	-8.1	125	0.00
56 T	Ethyl methacrylate	50.000	49.881	0.2	121	0.00
57 T	1,3-Dichloropropane	50.000	53.670	-7.3	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.241	-8.5	106	0.00
59 T	2-Hexanone	250.000	273.464	-9.4	121	0.00
60 T	Dibromochloromethane	50.000	55.554	-11.1	127	0.00
61 T	1,2-Dibromoethane	50.000	54.581	-9.2	124	0.00
62 S	4-Bromofluorobenzene	50.000	47.196	5.6	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	55.322	-10.6	128	0.00
65 PM	Chlorobenzene	50.000	55.233	-10.5	126	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.638	-11.3	128	0.00
67 C	Ethyl Benzene	50.000	56.774	-13.5#	126	0.00
68 T	m/p-Xylenes	100.000	112.798	-12.8	124	0.00
69 T	o-Xylene	50.000	57.332	-14.7	126	0.00
70 T	Styrene	50.000	57.557	-15.1	124	0.00
71 P	Bromoform	50.000	56.276	-12.6	128	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	57.658	-15.3	124	0.00
74 T	N-amyl acetate	50.000	52.460	-4.9	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.334	-6.7	121	0.00
76 T	1,2,3-Trichloropropane	50.000	47.421	5.2	102	0.00
77 T	Bromobenzene	50.000	56.233	-12.5	126	0.00
78 T	n-propylbenzene	50.000	57.104	-14.2	123	0.00
79 T	2-Chlorotoluene	50.000	56.144	-12.3	124	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.238	-14.5	121	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.516	-9.0	120	0.00
82 T	4-Chlorotoluene	50.000	54.934	-9.9	121	0.00
83 T	tert-Butylbenzene	50.000	58.856	-17.7	127	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.437	-14.9	122	0.00
85 T	sec-Butylbenzene	50.000	56.881	-13.8	121	0.00
86 T	p-Isopropyltoluene	50.000	57.847	-15.7	122	0.00
87 T	1,3-Dichlorobenzene	50.000	55.388	-10.8	123	0.00
88 T	1,4-Dichlorobenzene	50.000	54.818	-9.6	122	0.00
89 T	n-Butylbenzene	50.000	57.097	-14.2	120	0.00
90 T	Hexachloroethane	50.000	54.947	-9.9	122	0.00
91 T	1,2-Dichlorobenzene	50.000	54.161	-8.3	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.069	-0.1	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.004	-8.0	114	0.00
94 T	Hexachlorobutadiene	50.000	54.807	-9.6	121	0.00
95 T	Naphthalene	50.000	47.179	5.6	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.145	-4.3	110	0.00

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