

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018005.D
 Acq On : 19 Apr 2024 17:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 19 23:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	56.837	-13.7	108	0.00
3 P	Chloromethane	50.000	35.492	29.0#	69	0.00
4 C	Vinyl Chloride	50.000	36.938	26.1#	68	0.00
5 T	Bromomethane	50.000	42.650	14.7	78	0.00
6 T	Chloroethane	50.000	39.365	21.3	73	0.00
7 T	Trichlorofluoromethane	50.000	49.214	1.6	90	0.00
8 T	Diethyl Ether	50.000	56.283	-12.6	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.296	-4.6	95	0.00
10 T	Methyl Iodide	50.000	59.417	-18.8	106	0.00
11 T	Tert butyl alcohol	250.000	262.139	-4.9	95	0.00
12 CM	1,1-Dichloroethene	50.000	55.890	-11.8#	101	0.00
13 T	Acrolein	250.000	334.914	-34.0#	126	0.00
14 T	Allyl chloride	50.000	53.113	-6.2	94	0.00
15 T	Acrylonitrile	250.000	279.105	-11.6	101	0.00
16 T	Acetone	250.000	240.007	4.0	85	0.00
17 T	Carbon Disulfide	50.000	52.010	-4.0	95	0.00
18 T	Methyl Acetate	50.000	48.991	2.0	96	0.00
19 T	Methyl tert-butyl Ether	50.000	57.034	-14.1	101	0.00
20 T	Methylene Chloride	50.000	58.423	-16.8	112	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.903	-11.8	101	0.00
22 T	Diisopropyl ether	50.000	55.595	-11.2	97	0.00
23 T	Vinyl Acetate	250.000	279.365	-11.7	97	0.00
24 P	1,1-Dichloroethane	50.000	54.345	-8.7	98	0.00
25 T	2-Butanone	250.000	267.803	-7.1	93	0.00
26 T	2,2-Dichloropropane	50.000	54.071	-8.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.483	-17.0	104	0.00
28 T	Bromochloromethane	50.000	43.465	13.1	78	0.00
29 T	Tetrahydrofuran	250.000	279.768	-11.9	99	0.00
30 C	Chloroform	50.000	56.312	-12.6#	103	0.00
31 T	Cyclohexane	50.000	49.111	1.8	90	0.00
32 T	1,1,1-Trichloroethane	50.000	56.860	-13.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.120	3.8	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	51.374	-2.7	88	0.00
36 T	1,1-Dichloropropene	50.000	55.039	-10.1	96	0.00
37 T	Ethyl Acetate	50.000	55.704	-11.4	99	0.00
38 T	Carbon Tetrachloride	50.000	58.752	-17.5	103	0.00
39 T	Methylcyclohexane	50.000	54.422	-8.8	92	0.00
40 TM	Benzene	50.000	57.651	-15.3	101	0.00
41 T	Methacrylonitrile	50.000	59.025	-18.0	104	0.00
42 TM	1,2-Dichloroethane	50.000	55.120	-10.2	98	0.00
43 T	Isopropyl Acetate	50.000	55.155	-10.3	96	0.00
44 TM	Trichloroethene	50.000	60.131	-20.3	106	0.00
45 C	1,2-Dichloropropane	50.000	56.311	-12.6#	99	0.00
46 T	Dibromomethane	50.000	58.934	-17.9	104	0.00
47 T	Bromodichloromethane	50.000	58.542	-17.1	102	0.00
48 T	Methyl methacrylate	50.000	55.646	-11.3	95	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	1160.871	-16.1	100	0.00
50 S	Toluene-d8	50.000	53.366	-6.7	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.811	-14.7	98	0.00
52 CM	Toluene	50.000	60.755	-21.5#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	59.692	-19.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.825	-17.7	102	0.00
55 T	1,1,2-Trichloroethane	50.000	60.303	-20.6	107	0.00
56 T	Ethyl methacrylate	50.000	61.613	-23.2	103	0.00
57 T	1,3-Dichloropropane	50.000	59.417	-18.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.736	8.1	80	0.00
59 T	2-Hexanone	250.000	294.641	-17.9	99	0.00
60 T	Dibromochloromethane	50.000	62.819	-25.6#	110	0.00
61 T	1,2-Dibromoethane	50.000	60.703	-21.4	106	0.00
62 S	4-Bromofluorobenzene	50.000	53.959	-7.9	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	60.691	-21.4	108	0.00
65 PM	Chlorobenzene	50.000	59.408	-18.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	61.094	-22.2	111	0.00
67 C	Ethyl Benzene	50.000	58.921	-17.8#	103	0.00
68 T	m/p-Xylenes	100.000	119.666	-19.7	105	0.00
69 T	o-Xylene	50.000	60.812	-21.6	106	0.00
70 T	Styrene	50.000	61.999	-24.0	106	0.00
71 P	Bromoform	50.000	61.727	-23.5	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	57.031	-14.1	103	0.00
74 T	N-amyl acetate	50.000	54.571	-9.1	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.764	-9.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	50.270	-0.5	96	0.00
77 T	Bromobenzene	50.000	60.448	-20.9	111	0.00
78 T	n-propylbenzene	50.000	56.093	-12.2	101	0.00
79 T	2-Chlorotoluene	50.000	56.133	-12.3	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.823	-15.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.697	-11.4	102	0.00
82 T	4-Chlorotoluene	50.000	55.685	-11.4	102	0.00
83 T	tert-Butylbenzene	50.000	58.486	-17.0	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.695	-15.4	104	0.00
85 T	sec-Butylbenzene	50.000	55.796	-11.6	100	0.00
86 T	p-Isopropyltoluene	50.000	57.147	-14.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	57.515	-15.0	107	0.00
88 T	1,4-Dichlorobenzene	50.000	56.978	-14.0	107	0.00
89 T	n-Butylbenzene	50.000	54.621	-9.2	97	0.00
90 T	Hexachloroethane	50.000	55.564	-11.1	104	0.00
91 T	1,2-Dichlorobenzene	50.000	58.079	-16.2	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.347	-6.7	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.368	-14.7	106	0.00
94 T	Hexachlorobutadiene	50.000	56.794	-13.6	106	0.00
95 T	Naphthalene	50.000	59.130	-18.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.407	-14.8	106	0.00

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