

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019238.D
 Acq On : 22 Aug 2024 23:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 02:01:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	49.969	0.1	95	0.00
3 P	Chloromethane	50.000	44.098	11.8	89	0.00
4 C	Vinyl Chloride	50.000	39.852	20.3#	79	0.00
5 T	Bromomethane	50.000	47.956	4.1	88	0.00
6 T	Chloroethane	50.000	39.890	20.2	81	0.00
7 T	Trichlorofluoromethane	50.000	41.072	17.9	82	0.00
8 T	Diethyl Ether	50.000	59.035	-18.1	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.322	-2.6	104	0.00
10 T	Methyl Iodide	50.000	58.965	-17.9	103	0.01
11 T	Tert butyl alcohol	250.000	332.250	-32.9#	124	0.00
12 CM	1,1-Dichloroethene	50.000	55.236	-10.5#	111	0.00
13 T	Acrolein	250.000	209.395	16.2	83	0.00
14 T	Allyl chloride	50.000	62.404	-24.8	122	0.00
15 T	Acrylonitrile	250.000	315.146	-26.1#	118	0.00
16 T	Acetone	250.000	276.137	-10.5	103	0.00
17 T	Carbon Disulfide	50.000	55.437	-10.9	108	0.00
18 T	Methyl Acetate	50.000	62.496	-25.0	125	0.00
19 T	Methyl tert-butyl Ether	50.000	60.546	-21.1	115	0.00
20 T	Methylene Chloride	50.000	61.995	-24.0	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.273	-12.5	109	0.00
22 T	Diisopropyl ether	50.000	63.506	-27.0#	124	0.00
23 T	Vinyl Acetate	250.000	314.706	-25.9#	119	0.00
24 P	1,1-Dichloroethane	50.000	58.900	-17.8	119	0.00
25 T	2-Butanone	250.000	251.354	-0.5	95	0.01
26 T	2,2-Dichloropropane	50.000	48.073	3.9	96	0.01
27 T	cis-1,2-Dichloroethene	50.000	50.896	-1.8	100	0.01
28 T	Bromochloromethane	50.000	52.719	-5.4	110	0.01
29 T	Tetrahydrofuran	250.000	273.786	-9.5	106	0.00
30 C	Chloroform	50.000	53.982	-8.0#	104	0.00
31 T	Cyclohexane	50.000	53.738	-7.5	101	0.00
32 T	1,1,1-Trichloroethane	50.000	53.934	-7.9	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.002	-10.0	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	52.810	-5.6	105	0.00
36 T	1,1-Dichloropropene	50.000	52.360	-4.7	105	0.00
37 T	Ethyl Acetate	50.000	56.992	-14.0	103	0.00
38 T	Carbon Tetrachloride	50.000	53.690	-7.4	102	0.00
39 T	Methylcyclohexane	50.000	51.704	-3.4	101	0.00
40 TM	Benzene	50.000	58.596	-17.2	114	0.00
41 T	Methacrylonitrile	50.000	59.738	-19.5	107	-0.02
42 TM	1,2-Dichloroethane	50.000	53.514	-7.0	102	0.00
43 T	Isopropyl Acetate	50.000	53.486	-7.0	101	0.00
44 TM	Trichloroethene	50.000	52.462	-4.9	105	0.00
45 C	1,2-Dichloropropane	50.000	54.235	-8.5#	106	0.01
46 T	Dibromomethane	50.000	54.829	-9.7	103	0.00
47 T	Bromodichloromethane	50.000	53.344	-6.7	103	0.00
48 T	Methyl methacrylate	50.000	58.554	-17.1	109	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1096.049	-9.6	105	0.00
50 S	Toluene-d8	50.000	54.147	-8.3	111	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.264	-11.3	102	0.00
52 CM	Toluene	50.000	56.300	-12.6#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	62.623	-25.2#	118	0.01
54 T	cis-1,3-Dichloropropene	50.000	53.875	-7.8	100	0.00
55 T	1,1,2-Trichloroethane	50.000	61.069	-22.1	118	0.00
56 T	Ethyl methacrylate	50.000	63.711	-27.4#	117	0.00
57 T	1,3-Dichloropropane	50.000	62.473	-24.9	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.549	-8.2	105	0.00
59 T	2-Hexanone	250.000	311.196	-24.5	114	0.00
60 T	Dibromochloromethane	50.000	60.673	-21.3	115	0.00
61 T	1,2-Dibromoethane	50.000	60.422	-20.8	114	0.00
62 S	4-Bromofluorobenzene	50.000	58.763	-17.5	115	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	111	0.00
64 T	Tetrachloroethene	50.000	52.128	-4.3	119	0.00
65 PM	Chlorobenzene	50.000	52.916	-5.8	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.180	-6.4	116	0.00
67 C	Ethyl Benzene	50.000	53.639	-7.3#	118	0.00
68 T	m/p-Xylenes	100.000	105.654	-5.7	115	0.00
69 T	o-Xylene	50.000	53.654	-7.3	113	0.00
70 T	Styrene	50.000	54.651	-9.3	116	0.00
71 P	Bromoform	50.000	53.722	-7.4	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	55.126	-10.3	115	0.00
74 T	N-ethyl acetate	50.000	58.351	-16.7	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.714	-5.4	110	0.00
76 T	1,2,3-Trichloropropane	50.000	56.403	-12.8	123	0.00
77 T	Bromobenzene	50.000	54.086	-8.2	114	0.00
78 T	n-propylbenzene	50.000	54.532	-9.1	114	0.00
79 T	2-Chlorotoluene	50.000	54.652	-9.3	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.329	-8.7	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.934	-9.9	112	0.00
82 T	4-Chlorotoluene	50.000	53.649	-7.3	112	0.00
83 T	tert-Butylbenzene	50.000	52.903	-5.8	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.625	-9.3	113	0.00
85 T	sec-Butylbenzene	50.000	53.547	-7.1	112	0.00
86 T	p-Isopropyltoluene	50.000	54.380	-8.8	112	0.00
87 T	1,3-Dichlorobenzene	50.000	53.523	-7.0	112	0.00
88 T	1,4-Dichlorobenzene	50.000	52.758	-5.5	111	0.00
89 T	n-Butylbenzene	50.000	54.023	-8.0	110	0.00
90 T	Hexachloroethane	50.000	55.241	-10.5	113	0.00
91 T	1,2-Dichlorobenzene	50.000	53.267	-6.5	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.699	-5.4	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.001	-6.0	107	0.00
94 T	Hexachlorobutadiene	50.000	55.256	-10.5	109	0.00
95 T	Naphthalene	50.000	56.034	-12.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.410	-6.8	104	0.00

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