

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015182.D
 Acq On : 17 Aug 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 00:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 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	62	0.00
2 T	Dichlorodifluoromethane	50.000	58.214	-16.4	70	0.00
3 P	Chloromethane	50.000	64.230	-28.5#	76	0.00
4 C	Vinyl Chloride	50.000	59.746	-19.5#	77	0.00
5 T	Bromomethane	50.000	73.939	-47.9#	82	0.00
6 T	Chloroethane	50.000	63.856	-27.7#	79	0.00
7 T	Trichlorofluoromethane	50.000	58.169	-16.3	75	0.00
8 T	Diethyl Ether	50.000	65.509	-31.0#	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.585	-15.2	74	0.00
10 T	Methyl Iodide	50.000	62.054	-24.1	72	0.00
11 T	Tert butyl alcohol	250.000	306.276	-22.5	75	0.00
12 CM	1,1-Dichloroethene	50.000	59.765	-19.5#	75	0.00
13 T	Acrolein	250.000	212.889	14.8	59	0.00
14 T	Allyl chloride	50.000	61.505	-23.0	76	0.00
15 T	Acrylonitrile	250.000	346.086	-38.4#	86	0.00
16 T	Acetone	250.000	268.355	-7.3	64	0.00
17 T	Carbon Disulfide	50.000	57.961	-15.9	70	0.00
18 T	Methyl Acetate	50.000	70.057	-40.1#	87	0.00
19 T	Methyl tert-butyl Ether	50.000	65.148	-30.3#	81	0.01
20 T	Methylene Chloride	50.000	69.227	-38.5#	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	62.747	-25.5#	79	0.00
22 T	Diisopropyl ether	50.000	66.132	-32.3#	83	0.00
23 T	Vinyl Acetate	250.000	313.037	-25.2#	77	0.00
24 P	1,1-Dichloroethane	50.000	65.240	-30.5#	82	0.00
25 T	2-Butanone	250.000	318.360	-27.3#	79	0.00
26 T	2,2-Dichloropropane	50.000	46.412	7.2	60	0.00
27 T	cis-1,2-Dichloroethene	50.000	65.237	-30.5#	82	0.00
28 T	Bromochloromethane	50.000	55.863	-11.7	71	0.00
29 T	Tetrahydrofuran	250.000	342.315	-36.9#	85	0.00
30 C	Chloroform	50.000	64.747	-29.5#	82	0.00
31 T	Cyclohexane	50.000	60.188	-20.4	72	0.00
32 T	1,1,1-Trichloroethane	50.000	61.937	-23.9	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.248	-16.5	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	55.666	-11.3	71	0.00
36 T	1,1-Dichloropropene	50.000	58.480	-17.0	77	0.00
37 T	Ethyl Acetate	50.000	61.590	-23.2	82	0.00
38 T	Carbon Tetrachloride	50.000	57.494	-15.0	76	0.00
39 T	Methylcyclohexane	50.000	54.265	-8.5	72	0.00
40 TM	Benzene	50.000	61.432	-22.9	81	0.00
41 T	Methacrylonitrile	50.000	57.090	-14.2	70	0.00
42 TM	1,2-Dichloroethane	50.000	62.708	-25.4#	82	0.00
43 T	Isopropyl Acetate	50.000	62.765	-25.5#	82	0.00
44 TM	Trichloroethene	50.000	60.630	-21.3	80	0.00
45 C	1,2-Dichloropropane	50.000	63.009	-26.0#	83	0.00
46 T	Dibromomethane	50.000	64.127	-28.3#	83	0.00
47 T	Bromodichloromethane	50.000	62.988	-26.0#	82	0.00
48 T	Methyl methacrylate	50.000	64.721	-29.4#	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1295.988	-29.6#	83	0.00
50 S	Toluene-d8	50.000	54.567	-9.1	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	332.711	-33.1#	86	0.00
52 CM	Toluene	50.000	61.105	-22.2#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	56.413	-12.8	74	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.137	-14.3	75	0.00
55 T	1,1,2-Trichloroethane	50.000	62.519	-25.0#	82	0.00
56 T	Ethyl methacrylate	50.000	63.461	-26.9#	81	0.00
57 T	1,3-Dichloropropane	50.000	63.558	-27.1#	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	319.365	-27.7#	86	0.00
59 T	2-Hexanone	250.000	318.994	-27.6#	82	0.00
60 T	Dibromochloromethane	50.000	63.976	-28.0#	83	0.00
61 T	1,2-Dibromoethane	50.000	61.995	-24.0	81	0.00
62 S	4-Bromofluorobenzene	50.000	54.402	-8.8	70	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	67	0.00
64 T	Tetrachloroethene	50.000	67.497	-35.0#	92	0.00
65 PM	Chlorobenzene	50.000	59.270	-18.5	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	61.661	-23.3	83	0.00
67 C	Ethyl Benzene	50.000	57.787	-15.6#	79	0.00
68 T	m/p-Xylenes	100.000	116.401	-16.4	79	0.00
69 T	o-Xylene	50.000	59.640	-19.3	81	0.00
70 T	Styrene	50.000	60.780	-21.6	82	0.00
71 P	Bromoform	50.000	60.505	-21.0	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73 T	Isopropylbenzene	50.000	57.344	-14.7	80	0.00
74 T	N-ethyl acetate	50.000	60.831	-21.7	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	61.546	-23.1	84	0.00
76 T	1,2,3-Trichloropropane	50.000	63.046	-26.1#	89	0.00
77 T	Bromobenzene	50.000	58.397	-16.8	82	0.00
78 T	n-propylbenzene	50.000	57.214	-14.4	80	0.00
79 T	2-Chlorotoluene	50.000	58.627	-17.3	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.851	-15.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.803	2.4	65	0.00
82 T	4-Chlorotoluene	50.000	58.980	-18.0	81	0.00
83 T	tert-Butylbenzene	50.000	57.285	-14.6	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.122	-16.2	80	0.00
85 T	sec-Butylbenzene	50.000	57.186	-14.4	79	0.00
86 T	p-Isopropyltoluene	50.000	56.724	-13.4	78	0.00
87 T	1,3-Dichlorobenzene	50.000	58.380	-16.8	81	0.00
88 T	1,4-Dichlorobenzene	50.000	58.399	-16.8	81	0.00
89 T	n-Butylbenzene	50.000	55.117	-10.2	76	0.00
90 T	Hexachloroethane	50.000	58.241	-16.5	82	0.00
91 T	1,2-Dichlorobenzene	50.000	60.705	-21.4	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	61.465	-22.9	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.346	-12.7	78	0.00
94 T	Hexachlorobutadiene	50.000	53.373	-6.7	76	0.00
95 T	Naphthalene	50.000	61.048	-22.1	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.140	-16.3	81	0.00

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