

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015840.D
 Acq On : 04 Oct 2023 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 05 06:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 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	118	0.00
2 T	Dichlorodifluoromethane	50.000	46.280	7.4	100	0.00
3 P	Chloromethane	50.000	45.198	9.6	98	0.00
4 C	Vinyl Chloride	50.000	47.237	5.5#	102	0.00
5 T	Bromomethane	50.000	34.551	30.9#	83	0.00
6 T	Chloroethane	50.000	45.030	9.9	98	0.00
7 T	Trichlorofluoromethane	50.000	51.283	-2.6	116	0.00
8 T	Diethyl Ether	50.000	54.278	-8.6	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.100	-4.2	117	0.00
10 T	Methyl Iodide	50.000	39.448	21.1	88	0.00
11 T	Tert butyl alcohol	250.000	385.758	-54.3#	196	0.03
12 CM	1,1-Dichloroethene	50.000	49.899	0.2#	112	0.00
13 T	Acrolein	250.000	254.026	-1.6	118	0.00
14 T	Allyl chloride	50.000	51.493	-3.0	114	0.00
15 T	Acrylonitrile	250.000	336.814	-34.7#	157	0.00
16 T	Acetone	250.000	244.823	2.1	119	0.01
17 T	Carbon Disulfide	50.000	42.148	15.7	89	0.00
18 T	Methyl Acetate	50.000	70.330	-40.7#	162	0.00
19 T	Methyl tert-butyl Ether	50.000	59.221	-18.4	133	0.00
20 T	Methylene Chloride	50.000	55.875	-11.8	128	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.021	-2.0	111	0.00
22 T	Diisopropyl ether	50.000	54.027	-8.1	119	0.00
23 T	Vinyl Acetate	250.000	280.990	-12.4	125	0.00
24 P	1,1-Dichloroethane	50.000	52.141	-4.3	117	0.00
25 T	2-Butanone	250.000	303.637	-21.5	151	0.00
26 T	2,2-Dichloropropane	50.000	45.462	9.1	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.924	-5.8	118	0.00
28 T	Bromochloromethane	50.000	62.951	-25.9#	145	0.00
29 T	Tetrahydrofuran	250.000	351.913	-40.8#	165	0.00
30 C	Chloroform	50.000	53.687	-7.4#	122	0.00
31 T	Cyclohexane	50.000	46.573	6.9	108	0.00
32 T	1,1,1-Trichloroethane	50.000	52.961	-5.9	119	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.324	-12.6	145	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	55.844	-11.7	138	0.00
36 T	1,1-Dichloropropene	50.000	50.559	-1.1	114	0.00
37 T	Ethyl Acetate	50.000	65.766	-31.5#	154	0.00
38 T	Carbon Tetrachloride	50.000	52.650	-5.3	118	0.00
39 T	Methylcyclohexane	50.000	50.303	-0.6	111	0.00
40 TM	Benzene	50.000	51.649	-3.3	114	0.00
41 T	Methacrylonitrile	50.000	52.349	-4.7	137	0.00
42 TM	1,2-Dichloroethane	50.000	55.933	-11.9	126	0.00
43 T	Isopropyl Acetate	50.000	63.456	-26.9#	146	0.00
44 TM	Trichloroethene	50.000	54.118	-8.2	121	0.00
45 C	1,2-Dichloropropane	50.000	54.110	-8.2#	120	0.00
46 T	Dibromomethane	50.000	56.898	-13.8	127	0.00
47 T	Bromodichloromethane	50.000	56.138	-12.3	125	0.00
48 T	Methyl methacrylate	50.000	63.878	-27.8#	145	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1594.123	-59.4#	191	0.02
50 S	Toluene-d8	50.000	55.833	-11.7	146	0.00
51 T	4-Methyl-2-Pentanone	250.000	338.572	-35.4#	156	0.00
52 CM	Toluene	50.000	52.728	-5.5#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	55.842	-11.7	123	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.802	-7.6	120	0.00
55 T	1,1,2-Trichloroethane	50.000	58.026	-16.1	132	0.00
56 T	Ethyl methacrylate	50.000	63.183	-26.4#	139	0.00
57 T	1,3-Dichloropropane	50.000	57.451	-14.9	129	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.633	-1.1	122	0.00
59 T	2-Hexanone	250.000	338.597	-35.4#	158	0.00
60 T	Dibromochloromethane	50.000	58.783	-17.6	132	0.00
61 T	1,2-Dibromoethane	50.000	58.957	-17.9	136	0.00
62 S	4-Bromofluorobenzene	50.000	56.896	-13.8	145	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64 T	Tetrachloroethene	50.000	57.927	-15.9	131	0.00
65 PM	Chlorobenzene	50.000	53.435	-6.9	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.057	-12.1	126	0.00
67 C	Ethyl Benzene	50.000	52.772	-5.5#	117	0.00
68 T	m/p-Xylenes	100.000	105.947	-5.9	118	0.00
69 T	o-Xylene	50.000	53.840	-7.7	119	0.00
70 T	Styrene	50.000	56.090	-12.2	123	0.00
71 P	Bromoform	50.000	63.735	-27.5#	142	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	52.116	-4.2	120	0.00
74 T	N-ethyl acetate	50.000	61.103	-22.2	139	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.413	-18.8	143	0.00
76 T	1,2,3-Trichloropropane	50.000	61.131	-22.3	140	0.00
77 T	Bromobenzene	50.000	52.851	-5.7	123	0.00
78 T	n-propylbenzene	50.000	51.998	-4.0	118	0.00
79 T	2-Chlorotoluene	50.000	52.650	-5.3	120	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.778	-5.6	121	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.180	-20.4	139	0.00
82 T	4-Chlorotoluene	50.000	52.630	-5.3	120	0.00
83 T	tert-Butylbenzene	50.000	53.833	-7.7	123	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.329	-6.7	120	0.00
85 T	sec-Butylbenzene	50.000	53.379	-6.8	121	0.00
86 T	p-Isopropyltoluene	50.000	53.419	-6.8	121	0.00
87 T	1,3-Dichlorobenzene	50.000	53.210	-6.4	122	0.00
88 T	1,4-Dichlorobenzene	50.000	53.970	-7.9	125	0.00
89 T	n-Butylbenzene	50.000	53.163	-6.3	120	0.00
90 T	Hexachloroethane	50.000	53.527	-7.1	122	0.00
91 T	1,2-Dichlorobenzene	50.000	55.688	-11.4	128	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	68.062	-36.1#	167	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.061	-14.1	130	0.00
94 T	Hexachlorobutadiene	50.000	55.310	-10.6	125	0.00
95 T	Naphthalene	50.000	66.195	-32.4#	150	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.472	-16.9	133	0.00

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