

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015754.D
 Acq On : 28 Sep 2023 19:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 08:29:24 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	79	0.02
2 T	Dichlorodifluoromethane	50.000	54.425	-8.8	79	0.01
3 P	Chloromethane	50.000	56.228	-12.5	82	0.01
4 C	Vinyl Chloride	50.000	59.481	-19.0#	86	0.01
5 T	Bromomethane	50.000	54.871	-9.7	85	0.02
6 T	Chloroethane	50.000	58.826	-17.7	86	0.01
7 T	Trichlorofluoromethane	50.000	60.445	-20.9	92	0.01
8 T	Diethyl Ether	50.000	60.074	-20.1	90	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	59.256	-18.5	90	0.01
10 T	Methyl Iodide	50.000	51.255	-2.5	78	0.02
11 T	Tert butyl alcohol	250.000	344.727	-37.9#	116	0.08
12 CM	1,1-Dichloroethene	50.000	57.178	-14.4#	86	0.01
13 T	Acrolein	250.000	272.099	-8.8	85	0.02
14 T	Allyl chloride	50.000	59.479	-19.0	89	0.02
15 T	Acrylonitrile	250.000	341.637	-36.7#	107	0.02
16 T	Acetone	250.000	268.607	-7.4	88	0.04
17 T	Carbon Disulfide	50.000	53.893	-7.8	76	0.02
18 T	Methyl Acetate	50.000	72.271	-44.5#	112	0.02
19 T	Methyl tert-butyl Ether	50.000	61.839	-23.7	93	0.02
20 T	Methylene Chloride	50.000	55.852	-11.7	86	0.02
21 T	trans-1,2-Dichloroethene	50.000	58.489	-17.0	85	0.02
22 T	Diisopropyl ether	50.000	60.451	-20.9	89	0.02
23 T	Vinyl Acetate	250.000	308.345	-23.3	92	0.02
24 P	1,1-Dichloroethane	50.000	58.330	-16.7	88	0.02
25 T	2-Butanone	250.000	304.382	-21.8	101	0.03
26 T	2,2-Dichloropropane	50.000	52.136	-4.3	85	0.02
27 T	cis-1,2-Dichloroethene	50.000	58.888	-17.8	88	0.02
28 T	Bromochloromethane	50.000	51.741	-3.5	80	0.02
29 T	Tetrahydrofuran	250.000	357.541	-43.0#	113	0.02
30 C	Chloroform	50.000	59.699	-19.4#	91	0.02
31 T	Cyclohexane	50.000	54.457	-8.9	85	0.01
32 T	1,1,1-Trichloroethane	50.000	59.284	-18.6	89	0.02
33 S	1,2-Dichloroethane-d4	50.000	56.007	-12.0	97	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.01
35 S	Dibromofluoromethane	50.000	55.475	-11.0	92	0.01
36 T	1,1-Dichloropropene	50.000	58.213	-16.4	88	0.02
37 T	Ethyl Acetate	50.000	71.059	-42.1#	112	0.02
38 T	Carbon Tetrachloride	50.000	59.889	-19.8	90	0.02
39 T	Methylcyclohexane	50.000	56.846	-13.7	84	0.01
40 TM	Benzene	50.000	58.923	-17.8	88	0.02
41 T	Methacrylonitrile	50.000	55.669	-11.3	98	0.01
42 TM	1,2-Dichloroethane	50.000	61.051	-22.1	92	0.01
43 T	Isopropyl Acetate	50.000	66.191	-32.4#	102	0.02
44 TM	Trichloroethene	50.000	59.877	-19.8	90	0.01
45 C	1,2-Dichloropropane	50.000	59.886	-19.8#	89	0.00
46 T	Dibromomethane	50.000	62.118	-24.2	93	0.02
47 T	Bromodichloromethane	50.000	60.714	-21.4	91	0.01
48 T	Methyl methacrylate	50.000	66.636	-33.3#	102	0.01

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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	1619.063	-61.9#	130	0.05
50 S	Toluene-d8	50.000	58.324	-16.6	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	356.932	-42.8#	111	0.00
52 CM	Toluene	50.000	59.468	-18.9#	88	0.01
53 T	t-1,3-Dichloropropene	50.000	61.159	-22.3	91	0.01
54 T	cis-1,3-Dichloropropene	50.000	59.736	-19.5	89	0.01
55 T	1,1,2-Trichloroethane	50.000	63.507	-27.0#	97	0.00
56 T	Ethyl methacrylate	50.000	66.039	-32.1#	97	0.00
57 T	1,3-Dichloropropane	50.000	62.510	-25.0#	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.069	-8.4	88	0.01
59 T	2-Hexanone	250.000	356.796	-42.7#	112	0.00
60 T	Dibromochloromethane	50.000	63.580	-27.2#	96	0.00
61 T	1,2-Dibromoethane	50.000	63.084	-26.2#	97	0.00
62 S	4-Bromofluorobenzene	50.000	55.118	-10.2	94	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64 T	Tetrachloroethene	50.000	62.220	-24.4	94	0.01
65 PM	Chlorobenzene	50.000	59.082	-18.2	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	61.562	-23.1	92	0.00
67 C	Ethyl Benzene	50.000	59.740	-19.5#	89	0.01
68 T	m/p-Xylenes	100.000	120.167	-20.2	89	0.00
69 T	o-Xylene	50.000	60.391	-20.8	89	0.00
70 T	Styrene	50.000	61.985	-24.0	91	0.00
71 P	Bromoform	50.000	67.099	-34.2#	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	57.294	-14.6	91	0.01
74 T	N-ethyl acetate	50.000	63.707	-27.4#	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	63.175	-26.3#	104	0.00
76 T	1,2,3-Trichloropropane	50.000	109.596	-119.2#	172	0.00
77 T	Bromobenzene	50.000	57.519	-15.0	92	0.00
78 T	n-propylbenzene	50.000	57.178	-14.4	89	0.01
79 T	2-Chlorotoluene	50.000	57.042	-14.1	89	0.01
80 T	1,3,5-Trimethylbenzene	50.000	57.149	-14.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	63.127	-26.3#	100	0.00
82 T	4-Chlorotoluene	50.000	56.898	-13.8	89	0.01
83 T	tert-Butylbenzene	50.000	58.358	-16.7	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.961	-15.9	90	0.00
85 T	sec-Butylbenzene	50.000	58.374	-16.7	91	0.00
86 T	p-Isopropyltoluene	50.000	58.112	-16.2	90	0.00
87 T	1,3-Dichlorobenzene	50.000	57.641	-15.3	91	0.01
88 T	1,4-Dichlorobenzene	50.000	58.123	-16.2	92	0.00
89 T	n-Butylbenzene	50.000	57.754	-15.5	90	0.00
90 T	Hexachloroethane	50.000	58.730	-17.5	92	0.00
91 T	1,2-Dichlorobenzene	50.000	59.473	-18.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	68.755	-37.5#	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.729	-19.5	93	0.01
94 T	Hexachlorobutadiene	50.000	57.267	-14.5	88	0.00
95 T	Naphthalene	50.000	67.567	-35.1#	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	61.411	-22.8	96	0.00

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