

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014301.D
 Acq On : 20 Jun 2023 22:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 02:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	45.708	8.6	84	0.00
3 P	Chloromethane	50.000	41.121	17.8	78	0.00
4 C	Vinyl Chloride	50.000	44.605	10.8#	82	0.00
5 T	Bromomethane	50.000	40.689	18.6	83	-0.02
6 T	Chloroethane	50.000	43.626	12.7	84	0.00
7 T	Trichlorofluoromethane	50.000	51.300	-2.6	94	0.00
8 T	Diethyl Ether	50.000	50.839	-1.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.162	-6.3	94	0.00
10 T	Methyl Iodide	50.000	46.881	6.2	82	0.00
11 T	Tert butyl alcohol	250.000	345.903	-38.4#	132	0.00
12 CM	1,1-Dichloroethene	50.000	49.305	1.4#	91	0.00
13 T	Acrolein	250.000	233.831	6.5	83	0.00
14 T	Allyl chloride	50.000	48.360	3.3	88	0.00
15 T	Acrylonitrile	250.000	309.005	-23.6	116	0.00
16 T	Acetone	250.000	245.215	1.9	103	0.00
17 T	Carbon Disulfide	50.000	46.351	7.3	86	0.00
18 T	Methyl Acetate	50.000	71.443	-42.9#	141	0.00
19 T	Methyl tert-butyl Ether	50.000	54.349	-8.7	96	0.00
20 T	Methylene Chloride	50.000	66.384	-32.8#	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.137	-2.3	91	0.00
22 T	Diisopropyl ether	50.000	53.686	-7.4	96	0.00
23 T	Vinyl Acetate	250.000	256.513	-2.6	92	0.00
24 P	1,1-Dichloroethane	50.000	52.100	-4.2	96	0.00
25 T	2-Butanone	250.000	321.027	-28.4#	128	0.00
26 T	2,2-Dichloropropane	50.000	47.412	5.2	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.876	-5.8	98	0.00
28 T	Bromochloromethane	50.000	49.041	1.9	95	0.00
29 T	Tetrahydrofuran	250.000	338.006	-35.2#	131	0.00
30 C	Chloroform	50.000	53.721	-7.4#	99	0.00
31 T	Cyclohexane	50.000	52.332	-4.7	97	0.00
32 T	1,1,1-Trichloroethane	50.000	53.714	-7.4	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.172	1.7	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	54.589	-9.2	99	0.00
36 T	1,1-Dichloropropene	50.000	55.985	-12.0	98	0.00
37 T	Ethyl Acetate	50.000	59.217	-18.4	107	0.00
38 T	Carbon Tetrachloride	50.000	57.246	-14.5	99	0.00
39 T	Methylcyclohexane	50.000	57.369	-14.7	97	0.00
40 TM	Benzene	50.000	55.071	-10.1	98	0.00
41 T	Methacrylonitrile	50.000	62.781	-25.6#	127	0.00
42 TM	1,2-Dichloroethane	50.000	55.645	-11.3	101	0.00
43 T	Isopropyl Acetate	50.000	58.942	-17.9	106	0.00
44 TM	Trichloroethene	50.000	55.954	-11.9	98	0.00
45 C	1,2-Dichloropropane	50.000	55.147	-10.3#	98	0.00
46 T	Dibromomethane	50.000	56.694	-13.4	103	0.00
47 T	Bromodichloromethane	50.000	55.849	-11.7	99	0.00
48 T	Methyl methacrylate	50.000	63.901	-27.8#	115	0.00

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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	1445.343	-44.5#	127	-0.01
50 S	Toluene-d8	50.000	50.334	-0.7	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	340.358	-36.1#	123	0.00
52 CM	Toluene	50.000	56.579	-13.2#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	55.621	-11.2	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.888	-9.8	98	0.00
55 T	1,1,2-Trichloroethane	50.000	59.480	-19.0	106	0.00
56 T	Ethyl methacrylate	50.000	60.846	-21.7	104	0.00
57 T	1,3-Dichloropropane	50.000	58.060	-16.1	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	327.126	-30.9#	122	0.00
59 T	2-Hexanone	250.000	343.430	-37.4#	126	0.00
60 T	Dibromochloromethane	50.000	58.928	-17.9	105	0.00
61 T	1,2-Dibromoethane	50.000	58.714	-17.4	106	0.00
62 S	4-Bromofluorobenzene	50.000	59.635	-19.3	112	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	62.065	-24.1	117	0.00
65 PM	Chlorobenzene	50.000	52.933	-5.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.804	-7.6	100	0.00
67 C	Ethyl Benzene	50.000	55.053	-10.1#	101	0.00
68 T	m/p-Xylenes	100.000	110.160	-10.2	101	0.00
69 T	o-Xylene	50.000	55.857	-11.7	102	0.00
70 T	Styrene	50.000	56.488	-13.0	103	0.00
71 P	Bromoform	50.000	58.990	-18.0	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	52.725	-5.5	102	0.00
74 T	N-ethyl acetate	50.000	52.563	-5.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.356	-10.7	114	0.00
76 T	1,2,3-Trichloropropane	50.000	61.836	-23.7	119	0.00
77 T	Bromobenzene	50.000	51.168	-2.3	103	0.00
78 T	n-propylbenzene	50.000	53.728	-7.5	105	0.00
79 T	2-Chlorotoluene	50.000	52.478	-5.0	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.599	-7.2	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.117	-8.2	108	0.00
82 T	4-Chlorotoluene	50.000	52.105	-4.2	104	0.00
83 T	tert-Butylbenzene	50.000	54.533	-9.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.477	-9.0	107	0.00
85 T	sec-Butylbenzene	50.000	54.790	-9.6	106	0.00
86 T	p-Isopropyltoluene	50.000	53.803	-7.6	105	0.00
87 T	1,3-Dichlorobenzene	50.000	52.461	-4.9	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.977	-4.0	106	0.00
89 T	n-Butylbenzene	50.000	54.713	-9.4	107	0.00
90 T	Hexachloroethane	50.000	53.874	-7.7	109	0.00
91 T	1,2-Dichlorobenzene	50.000	53.511	-7.0	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.212	-18.4	132	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.091	-4.2	106	0.00
94 T	Hexachlorobutadiene	50.000	54.603	-9.2	109	0.00
95 T	Naphthalene	50.000	57.737	-15.5	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.448	-6.9	112	0.00

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