

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017838.D
 Acq On : 03 Apr 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 09:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 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	61	0.00
2 T	Dichlorodifluoromethane	50.000	59.307	-18.6	89	0.01
3 P	Chloromethane	50.000	60.918	-21.8	84	0.00
4 C	Vinyl Chloride	50.000	68.917	-37.8#	96	0.01
5 T	Bromomethane	50.000	70.126	-40.3#	103	0.01
6 T	Chloroethane	50.000	76.356	-52.7#	106	0.01
7 T	Trichlorofluoromethane	50.000	56.059	-12.1	80	0.01
8 T	Diethyl Ether	50.000	51.325	-2.7	71	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.035	-8.1	77	0.01
10 T	Methyl Iodide	50.000	55.407	-10.8	71	0.01
11 T	Tert butyl alcohol	250.000	227.974	8.8	60	0.00
12 CM	1,1-Dichloroethene	50.000	54.059	-8.1#	75	0.01
13 T	Acrolein	250.000	224.006	10.4	60	0.02
14 T	Allyl chloride	50.000	50.111	-0.2	69	0.01
15 T	Acrylonitrile	250.000	233.102	6.8	64	0.01
16 T	Acetone	250.000	247.729	0.9	66	0.01
17 T	Carbon Disulfide	50.000	52.276	-4.6	67	0.01
18 T	Methyl Acetate	50.000	46.140	7.7	65	0.01
19 T	Methyl tert-butyl Ether	50.000	55.154	-10.3	76	0.00
20 T	Methylene Chloride	50.000	49.829	0.3	67	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.129	-10.3	75	0.01
22 T	Diisopropyl ether	50.000	53.337	-6.7	73	0.00
23 T	Vinyl Acetate	250.000	260.976	-4.4	71	0.01
24 P	1,1-Dichloroethane	50.000	54.578	-9.2	76	0.01
25 T	2-Butanone	250.000	246.740	1.3	67	0.00
26 T	2,2-Dichloropropane	50.000	57.392	-14.8	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.169	-12.3	77	0.01
28 T	Bromochloromethane	50.000	44.736	10.5	53	0.01
29 T	Tetrahydrofuran	250.000	235.503	5.8	64	0.00
30 C	Chloroform	50.000	56.702	-13.4#	80	0.00
31 T	Cyclohexane	50.000	50.647	-1.3	72	0.00
32 T	1,1,1-Trichloroethane	50.000	57.546	-15.1	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.639	-1.3	68	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	60	0.00
35 S	Dibromofluoromethane	50.000	53.066	-6.1	68	0.01
36 T	1,1-Dichloropropene	50.000	56.873	-13.7	76	0.00
37 T	Ethyl Acetate	50.000	48.618	2.8	67	0.00
38 T	Carbon Tetrachloride	50.000	59.258	-18.5	81	0.00
39 T	Methylcyclohexane	50.000	56.919	-13.8	75	0.00
40 TM	Benzene	50.000	55.704	-11.4	76	0.00
41 T	Methacrylonitrile	50.000	94.512	-89.0#	137	0.02
42 TM	1,2-Dichloroethane	50.000	55.534	-11.1	76	0.00
43 T	Isopropyl Acetate	50.000	51.800	-3.6	71	0.00
44 TM	Trichloroethene	50.000	55.355	-10.7	76	0.00
45 C	1,2-Dichloropropane	50.000	54.387	-8.8#	75	0.00
46 T	Dibromomethane	50.000	53.096	-6.2	72	0.00
47 T	Bromodichloromethane	50.000	56.492	-13.0	77	0.00
48 T	Methyl methacrylate	50.000	54.919	-9.8	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	985.114	1.5	65	0.00
50 S	Toluene-d8	50.000	53.577	-7.2	68	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.982	-10.4	70	0.00
52 CM	Toluene	50.000	57.237	-14.5#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	55.209	-10.4	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.850	-9.7	75	0.00
55 T	1,1,2-Trichloroethane	50.000	52.825	-5.7	74	0.00
56 T	Ethyl methacrylate	50.000	55.360	-10.7	70	0.00
57 T	1,3-Dichloropropane	50.000	54.707	-9.4	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.342	-3.7	56	0.00
59 T	2-Hexanone	250.000	271.401	-8.6	68	0.00
60 T	Dibromochloromethane	50.000	54.950	-9.9	76	0.00
61 T	1,2-Dibromoethane	50.000	53.640	-7.3	73	0.00
62 S	4-Bromofluorobenzene	50.000	52.176	-4.4	68	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64 T	Tetrachloroethene	50.000	56.032	-12.1	76	0.00
65 PM	Chlorobenzene	50.000	54.964	-9.9	75	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.824	-13.6	78	0.00
67 C	Ethyl Benzene	50.000	58.429	-16.9#	79	0.00
68 T	m/p-Xylenes	100.000	117.595	-17.6	79	0.00
69 T	o-Xylene	50.000	62.094	-24.2	78	0.00
70 T	Styrene	50.000	61.601	-23.2	77	0.00
71 P	Bromoform	50.000	53.439	-6.9	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	58	0.00
73 T	Isopropylbenzene	50.000	59.411	-18.8	80	0.00
74 T	N-amyl acetate	50.000	56.804	-13.6	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.346	-4.7	72	0.00
76 T	1,2,3-Trichloropropane	50.000	93.717	-87.4#	123	0.00
77 T	Bromobenzene	50.000	54.838	-9.7	76	0.00
78 T	n-propylbenzene	50.000	58.531	-17.1	78	0.00
79 T	2-Chlorotoluene	50.000	57.626	-15.3	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.562	-17.1	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.301	-8.6	68	0.00
82 T	4-Chlorotoluene	50.000	54.899	-9.8	73	0.00
83 T	tert-Butylbenzene	50.000	59.194	-18.4	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.829	-17.7	78	0.00
85 T	sec-Butylbenzene	50.000	59.900	-19.8	80	0.00
86 T	p-Isopropyltoluene	50.000	58.842	-17.7	79	0.00
87 T	1,3-Dichlorobenzene	50.000	55.392	-10.8	77	0.00
88 T	1,4-Dichlorobenzene	50.000	54.126	-8.3	74	0.00
89 T	n-Butylbenzene	50.000	58.630	-17.3	77	0.00
90 T	Hexachloroethane	50.000	56.433	-12.9	78	0.00
91 T	1,2-Dichlorobenzene	50.000	54.799	-9.6	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.537	2.9	66	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.003	-10.0	71	0.00
94 T	Hexachlorobutadiene	50.000	52.449	-4.9	71	0.00
95 T	Naphthalene	50.000	57.201	-14.4	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.702	-9.4	70	0.00

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