

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017597.D
 Acq On : 06 Mar 2024 19:00
 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: Mar 07 02:10:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 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	74	0.00
2 T	Dichlorodifluoromethane	50.000	54.878	-9.8	84	0.00
3 P	Chloromethane	50.000	54.616	-9.2	83	0.00
4 C	Vinyl Chloride	50.000	56.189	-12.4#	84	0.00
5 T	Bromomethane	50.000	63.158	-26.3#	97	0.00
6 T	Chloroethane	50.000	60.089	-20.2	87	0.00
7 T	Trichlorofluoromethane	50.000	58.051	-16.1	86	0.00
8 T	Diethyl Ether	50.000	60.946	-21.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	58.276	-16.6	85	0.00
10 T	Methyl Iodide	50.000	54.353	-8.7	74	0.00
11 T	Tert butyl alcohol	250.000	232.196	7.1	75	0.00
12 CM	1,1-Dichloroethene	50.000	60.317	-20.6#	88	0.00
13 T	Acrolein	250.000	284.318	-13.7	84	0.00
14 T	Allyl chloride	50.000	59.689	-19.4	84	0.00
15 T	Acrylonitrile	250.000	305.875	-22.4	84	0.00
16 T	Acetone	250.000	256.313	-2.5	73	0.00
17 T	Carbon Disulfide	50.000	62.131	-24.3	90	0.00
18 T	Methyl Acetate	50.000	64.846	-29.7#	87	0.00
19 T	Methyl tert-butyl Ether	50.000	60.318	-20.6	82	0.00
20 T	Methylene Chloride	50.000	67.146	-34.3#	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	61.322	-22.6	87	0.00
22 T	Diisopropyl ether	50.000	61.442	-22.9	84	0.00
23 T	Vinyl Acetate	250.000	305.690	-22.3	83	0.00
24 P	1,1-Dichloroethane	50.000	61.121	-22.2	88	0.00
25 T	2-Butanone	250.000	289.420	-15.8	79	0.00
26 T	2,2-Dichloropropane	50.000	53.863	-7.7	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	61.782	-23.6	87	0.00
28 T	Bromochloromethane	50.000	58.700	-17.4	101	0.00
29 T	Tetrahydrofuran	250.000	318.502	-27.4#	85	0.00
30 C	Chloroform	50.000	61.051	-22.1#	88	0.00
31 T	Cyclohexane	50.000	57.798	-15.6	85	0.00
32 T	1,1,1-Trichloroethane	50.000	60.017	-20.0	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.472	5.1	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	49.391	1.2	72	0.00
36 T	1,1-Dichloropropene	50.000	63.554	-27.1#	88	0.00
37 T	Ethyl Acetate	50.000	61.831	-23.7	84	0.00
38 T	Carbon Tetrachloride	50.000	62.738	-25.5#	86	0.00
39 T	Methylcyclohexane	50.000	63.332	-26.7#	85	0.00
40 TM	Benzene	50.000	63.783	-27.6#	88	0.00
41 T	Methacrylonitrile	50.000	73.280	-46.6#	93	0.00
42 TM	1,2-Dichloroethane	50.000	61.775	-23.5	84	0.00
43 T	Isopropyl Acetate	50.000	63.383	-26.8#	83	0.00
44 TM	Trichloroethene	50.000	62.776	-25.6#	88	0.00
45 C	1,2-Dichloropropane	50.000	63.007	-26.0#	87	0.00
46 T	Dibromomethane	50.000	64.647	-29.3#	89	0.00
47 T	Bromodichloromethane	50.000	63.357	-26.7#	86	0.00
48 T	Methyl methacrylate	50.000	63.394	-26.8#	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1291.127	-29.1#	85	0.00
50 S	Toluene-d8	50.000	52.468	-4.9	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	325.750	-30.3#	85	0.00
52 CM	Toluene	50.000	64.097	-28.2#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	62.078	-24.2	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.264	-24.5	84	0.00
55 T	1,1,2-Trichloroethane	50.000	63.239	-26.5#	87	0.00
56 T	Ethyl methacrylate	50.000	59.797	-19.6	83	0.00
57 T	1,3-Dichloropropane	50.000	63.468	-26.9#	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.558	-14.6	89	0.00
59 T	2-Hexanone	250.000	323.271	-29.3#	82	0.00
60 T	Dibromochloromethane	50.000	65.159	-30.3#	87	0.00
61 T	1,2-Dibromoethane	50.000	64.598	-29.2#	87	0.00
62 S	4-Bromofluorobenzene	50.000	52.937	-5.9	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	62.213	-24.4	89	0.00
65 PM	Chlorobenzene	50.000	63.368	-26.7#	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	62.899	-25.8#	88	0.00
67 C	Ethyl Benzene	50.000	63.533	-27.1#	86	0.00
68 T	m/p-Xylenes	100.000	129.388	-29.4#	88	0.00
69 T	o-Xylene	50.000	64.968	-29.9#	87	0.00
70 T	Styrene	50.000	65.152	-30.3#	86	0.00
71 P	Bromoform	50.000	65.298	-30.6#	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73 T	Isopropylbenzene	50.000	60.347	-20.7	86	0.00
74 T	N-amyl acetate	50.000	61.224	-22.4	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	62.530	-25.1#	89	0.00
76 T	1,2,3-Trichloropropane	50.000	55.840	-11.7	83	0.00
77 T	Bromobenzene	50.000	60.063	-20.1	88	0.00
78 T	n-propylbenzene	50.000	60.639	-21.3	86	0.00
79 T	2-Chlorotoluene	50.000	58.498	-17.0	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.919	-21.8	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.769	-19.5	85	0.00
82 T	4-Chlorotoluene	50.000	59.266	-18.5	87	0.00
83 T	tert-Butylbenzene	50.000	61.505	-23.0	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	62.079	-24.2	88	0.00
85 T	sec-Butylbenzene	50.000	60.645	-21.3	86	0.00
86 T	p-Isopropyltoluene	50.000	61.939	-23.9	87	0.00
87 T	1,3-Dichlorobenzene	50.000	59.719	-19.4	87	0.00
88 T	1,4-Dichlorobenzene	50.000	59.523	-19.0	86	0.00
89 T	n-Butylbenzene	50.000	60.381	-20.8	84	0.00
90 T	Hexachloroethane	50.000	59.532	-19.1	87	0.00
91 T	1,2-Dichlorobenzene	50.000	61.499	-23.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.783	-19.6	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	62.698	-25.4#	86	0.00
94 T	Hexachlorobutadiene	50.000	60.660	-21.3	89	0.00
95 T	Naphthalene	50.000	57.500	-15.0	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	63.430	-26.9#	87	0.00

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