

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017162.D
 Acq On : 31 Jan 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 23:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 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	72	0.00
2 T	Dichlorodifluoromethane	50.000	42.176	15.6	65	0.00
3 P	Chloromethane	50.000	49.387	1.2	73	0.00
4 C	Vinyl Chloride	50.000	52.679	-5.4#	75	0.00
5 T	Bromomethane	50.000	55.851	-11.7	82	0.00
6 T	Chloroethane	50.000	57.432	-14.9	82	0.00
7 T	Trichlorofluoromethane	50.000	50.020	-0.0	73	0.00
8 T	Diethyl Ether	50.000	50.946	-1.9	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.923	8.2	73	0.00
10 T	Methyl Iodide	50.000	43.907	12.2	62	0.00
11 T	Tert butyl alcohol	250.000	325.047	-30.0#	102	0.00
12 CM	1,1-Dichloroethene	50.000	45.219	9.6#	71	0.00
13 T	Acrolein	250.000	222.350	11.1	67	0.00
14 T	Allyl chloride	50.000	49.366	1.3	75	0.00
15 T	Acrylonitrile	250.000	306.104	-22.4	92	0.00
16 T	Acetone	250.000	280.883	-12.4	88	0.00
17 T	Carbon Disulfide	50.000	37.440	25.1#	58	0.00
18 T	Methyl Acetate	50.000	68.596	-37.2#	99	-0.01
19 T	Methyl tert-butyl Ether	50.000	55.498	-11.0	83	0.00
20 T	Methylene Chloride	50.000	57.110	-14.2	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.719	6.6	71	0.00
22 T	Diisopropyl ether	50.000	56.368	-12.7	83	0.00
23 T	Vinyl Acetate	250.000	275.637	-10.3	82	0.00
24 P	1,1-Dichloroethane	50.000	51.133	-2.3	79	0.00
25 T	2-Butanone	250.000	292.006	-16.8	92	0.00
26 T	2,2-Dichloropropane	50.000	48.764	2.5	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.340	-4.7	79	0.00
28 T	Bromochloromethane	50.000	60.967	-21.9	79	0.00
29 T	Tetrahydrofuran	250.000	322.111	-28.8#	94	0.00
30 C	Chloroform	50.000	53.444	-6.9#	82	0.00
31 T	Cyclohexane	50.000	46.222	7.6	66	0.00
32 T	1,1,1-Trichloroethane	50.000	49.606	0.8	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.236	-10.5	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	51.554	-3.1	74	0.00
36 T	1,1-Dichloropropene	50.000	45.634	8.7	72	0.00
37 T	Ethyl Acetate	50.000	57.846	-15.7	94	0.00
38 T	Carbon Tetrachloride	50.000	46.115	7.8	74	0.00
39 T	Methylcyclohexane	50.000	43.341	13.3	66	0.00
40 TM	Benzene	50.000	49.095	1.8	76	0.00
41 T	Methacrylonitrile	50.000	65.542	-31.1#	113	0.00
42 TM	1,2-Dichloroethane	50.000	53.427	-6.9	84	0.00
43 T	Isopropyl Acetate	50.000	57.787	-15.6	89	0.00
44 TM	Trichloroethene	50.000	47.598	4.8	75	0.00
45 C	1,2-Dichloropropane	50.000	52.742	-5.5#	82	0.00
46 T	Dibromomethane	50.000	54.087	-8.2	85	0.00
47 T	Bromodichloromethane	50.000	53.212	-6.4	82	0.00
48 T	Methyl methacrylate	50.000	59.305	-18.6	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1315.046	-31.5#	102	-0.01
50 S	Toluene-d8	50.000	51.399	-2.8	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	317.319	-26.9#	97	0.00
52 CM	Toluene	50.000	50.726	-1.5#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	54.216	-8.4	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.404	-4.8	80	0.00
55 T	1,1,2-Trichloroethane	50.000	55.498	-11.0	87	0.00
56 T	Ethyl methacrylate	50.000	59.926	-19.9	88	0.00
57 T	1,3-Dichloropropane	50.000	55.474	-10.9	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	328.916	-31.6#	89	0.00
59 T	2-Hexanone	250.000	290.756	-16.3	96	0.00
60 T	Dibromochloromethane	50.000	55.367	-10.7	86	0.00
61 T	1,2-Dibromoethane	50.000	55.438	-10.9	87	0.00
62 S	4-Bromofluorobenzene	50.000	53.735	-7.5	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	45.892	8.2	76	0.00
65 PM	Chlorobenzene	50.000	49.865	0.3	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.932	-1.9	82	0.00
67 C	Ethyl Benzene	50.000	49.548	0.9#	78	0.00
68 T	m/p-Xylenes	100.000	98.426	1.6	78	0.00
69 T	o-Xylene	50.000	50.383	-0.8	78	0.00
70 T	Styrene	50.000	53.898	-7.8	82	0.00
71 P	Bromoform	50.000	54.941	-9.9	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	46.922	6.2	79	0.00
74 T	N-amyl acetate	50.000	56.052	-12.1	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.586	-7.2	92	0.00
76 T	1,2,3-Trichloropropane	50.000	42.700	14.6	70	0.00
77 T	Bromobenzene	50.000	49.152	1.7	83	0.00
78 T	n-propylbenzene	50.000	47.961	4.1	79	0.00
79 T	2-Chlorotoluene	50.000	48.083	3.8	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.724	2.6	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.775	-5.5	92	0.00
82 T	4-Chlorotoluene	50.000	47.495	5.0	80	0.00
83 T	tert-Butylbenzene	50.000	47.860	4.3	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.417	3.2	80	0.00
85 T	sec-Butylbenzene	50.000	48.321	3.4	79	0.00
86 T	p-Isopropyltoluene	50.000	48.589	2.8	79	0.00
87 T	1,3-Dichlorobenzene	50.000	48.488	3.0	82	0.00
88 T	1,4-Dichlorobenzene	50.000	48.656	2.7	83	0.00
89 T	n-Butylbenzene	50.000	48.973	2.1	79	0.00
90 T	Hexachloroethane	50.000	47.507	5.0	81	0.00
91 T	1,2-Dichlorobenzene	50.000	50.010	-0.0	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.702	-11.4	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.888	0.2	85	0.00
94 T	Hexachlorobutadiene	50.000	46.503	7.0	81	0.00
95 T	Naphthalene	50.000	56.696	-13.4	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.577	-3.2	88	0.00

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