

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014152.D
 Acq On : 13 Jun 2023 20:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 14 01:40:26 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	42.950	14.1	67	0.00
3 P	Chloromethane	50.000	39.062	21.9	63	0.00
4 C	Vinyl Chloride	50.000	41.071	17.9#	64	0.00
5 T	Bromomethane	50.000	39.553	20.9	69	0.00
6 T	Chloroethane	50.000	41.427	17.1	68	0.00
7 T	Trichlorofluoromethane	50.000	45.975	8.0	72	0.00
8 T	Diethyl Ether	50.000	48.604	2.8	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.008	4.0	73	0.00
10 T	Methyl Iodide	50.000	38.357	23.3	57	0.00
11 T	Tert butyl alcohol	250.000	223.627	10.5	75	-0.01
12 CM	1,1-Dichloroethene	50.000	44.006	12.0#	69	0.00
13 T	Acrolein	250.000	236.351	5.5	71	0.00
14 T	Allyl chloride	50.000	43.104	13.8	67	0.00
15 T	Acrylonitrile	250.000	264.733	-5.9	84	0.00
16 T	Acetone	250.000	212.852	14.9	76	-0.01
17 T	Carbon Disulfide	50.000	35.204	29.6#	56	0.00
18 T	Methyl Acetate	50.000	48.564	2.9	82	0.00
19 T	Methyl tert-butyl Ether	50.000	51.443	-2.9	78	0.00
20 T	Methylene Chloride	50.000	69.090	-38.2#	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.516	11.0	68	0.00
22 T	Diisopropyl ether	50.000	52.099	-4.2	79	0.00
23 T	Vinyl Acetate	250.000	257.560	-3.0	79	0.00
24 P	1,1-Dichloroethane	50.000	48.907	2.2	77	0.00
25 T	2-Butanone	250.000	259.180	-3.7	88	0.00
26 T	2,2-Dichloropropane	50.000	45.024	10.0	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.301	1.4	78	0.00
28 T	Bromochloromethane	50.000	47.796	4.4	79	0.00
29 T	Tetrahydrofuran	250.000	271.411	-8.6	89	0.00
30 C	Chloroform	50.000	52.095	-4.2#	81	0.00
31 T	Cyclohexane	50.000	42.370	15.3	67	0.00
32 T	1,1,1-Trichloroethane	50.000	49.090	1.8	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.507	3.0	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	52.660	-5.3	84	0.00
36 T	1,1-Dichloropropene	50.000	46.849	6.3	72	0.00
37 T	Ethyl Acetate	50.000	52.166	-4.3	82	0.00
38 T	Carbon Tetrachloride	50.000	50.285	-0.6	76	0.00
39 T	Methylcyclohexane	50.000	45.773	8.5	67	0.00
40 TM	Benzene	50.000	48.906	2.2	76	0.00
41 T	Methacrylonitrile	50.000	51.193	-2.4	90	0.00
42 TM	1,2-Dichloroethane	50.000	51.789	-3.6	82	0.00
43 T	Isopropyl Acetate	50.000	53.422	-6.8	83	0.00
44 TM	Trichloroethene	50.000	48.979	2.0	74	0.00
45 C	1,2-Dichloropropane	50.000	50.651	-1.3#	78	0.00
46 T	Dibromomethane	50.000	52.573	-5.1	83	0.00
47 T	Bromodichloromethane	50.000	53.108	-6.2	82	0.00
48 T	Methyl methacrylate	50.000	54.023	-8.0	84	0.00

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

49 T	1,4-Dioxane	1000.000	1152.324	-15.2	88	-0.02
50 S	Toluene-d8	50.000	47.748	4.5	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.265	-12.1	88	0.00
52 CM	Toluene	50.000	50.577	-1.2#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	51.858	-3.7	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.249	-2.5	80	0.00
55 T	1,1,2-Trichloroethane	50.000	53.851	-7.7	84	0.00
56 T	Ethyl methacrylate	50.000	54.448	-8.9	81	0.00
57 T	1,3-Dichloropropane	50.000	53.584	-7.2	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	277.817	-11.1	89	0.00
59 T	2-Hexanone	250.000	278.614	-11.4	89	0.00
60 T	Dibromochloromethane	50.000	55.114	-10.2	86	0.00
61 T	1,2-Dibromoethane	50.000	52.704	-5.4	82	0.00
62 S	4-Bromofluorobenzene	50.000	54.297	-8.6	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	48.359	3.3	79	0.00
65 PM	Chlorobenzene	50.000	49.515	1.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.148	-2.3	83	0.00
67 C	Ethyl Benzene	50.000	49.642	0.7#	79	0.00
68 T	m/p-Xylenes	100.000	101.905	-1.9	81	0.00
69 T	o-Xylene	50.000	52.477	-5.0	83	0.00
70 T	Styrene	50.000	53.470	-6.9	85	0.00
71 P	Bromoform	50.000	54.303	-8.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	48.331	3.3	82	0.00
74 T	N-ethyl acetate	50.000	52.371	-4.7	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.394	-0.8	91	0.00
76 T	1,2,3-Trichloropropane	50.000	52.317	-4.6	88	0.00
77 T	Bromobenzene	50.000	48.271	3.5	84	0.00
78 T	n-propylbenzene	50.000	48.520	3.0	82	0.00
79 T	2-Chlorotoluene	50.000	48.554	2.9	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.925	4.2	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.641	0.7	86	0.00
82 T	4-Chlorotoluene	50.000	48.771	2.5	84	0.00
83 T	tert-Butylbenzene	50.000	47.894	4.2	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.159	1.7	84	0.00
85 T	sec-Butylbenzene	50.000	48.801	2.4	82	0.00
86 T	p-Isopropyltoluene	50.000	48.550	2.9	82	0.00
87 T	1,3-Dichlorobenzene	50.000	48.859	2.3	86	0.00
88 T	1,4-Dichlorobenzene	50.000	48.508	3.0	86	0.00
89 T	n-Butylbenzene	50.000	48.842	2.3	83	0.00
90 T	Hexachloroethane	50.000	48.414	3.2	85	0.00
91 T	1,2-Dichlorobenzene	50.000	50.097	-0.2	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.942	0.1	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.313	-0.6	89	0.00
94 T	Hexachlorobutadiene	50.000	49.734	0.5	86	0.00
95 T	Naphthalene	50.000	52.525	-5.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.264	-2.5	93	0.00

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