

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017041.D
 Acq On : 18 Jan 2024 16:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 19 02:29:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 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	97	0.02
2 T	Dichlorodifluoromethane	50.000	55.692	-11.4	104	0.00
3 P	Chloromethane	50.000	59.173	-18.3	113	0.01
4 C	Vinyl Chloride	50.000	58.729	-17.5#	110	0.01
5 T	Bromomethane	50.000	57.771	-15.5	115	0.01
6 T	Chloroethane	50.000	56.699	-13.4	107	0.01
7 T	Trichlorofluoromethane	50.000	51.131	-2.3	96	0.01
8 T	Diethyl Ether	50.000	44.651	10.7	82	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.927	0.1	95	0.02
10 T	Methyl Iodide	50.000	56.439	-12.9	98	0.02
11 T	Tert butyl alcohol	250.000	132.988	46.8#	56	0.01
12 CM	1,1-Dichloroethene	50.000	54.666	-9.3#	102	0.01
13 T	Acrolein	250.000	160.835	35.7#	65	0.01
14 T	Allyl chloride	50.000	52.554	-5.1	96	0.01
15 T	Acrylonitrile	250.000	197.934	20.8	74	0.02
16 T	Acetone	250.000	189.597	24.2	74	0.01
17 T	Carbon Disulfide	50.000	71.438	-42.9#	126	0.02
18 T	Methyl Acetate	50.000	45.367	9.3	76	0.00
19 T	Methyl tert-butyl Ether	50.000	42.727	14.5	77	0.03
20 T	Methylene Chloride	50.000	45.664	8.7	87	0.02
21 T	trans-1,2-Dichloroethene	50.000	55.916	-11.8	103	0.02
22 T	Diisopropyl ether	50.000	48.471	3.1	86	0.02
23 T	Vinyl Acetate	250.000	215.164	13.9	80	0.02
24 P	1,1-Dichloroethane	50.000	50.119	-0.2	93	0.02
25 T	2-Butanone	250.000	185.358	25.9#	70	0.02
26 T	2,2-Dichloropropane	50.000	48.464	3.1	91	0.02
27 T	cis-1,2-Dichloroethene	50.000	51.121	-2.2	94	0.01
28 T	Bromochloromethane	50.000	54.904	-9.8	93	0.02
29 T	Tetrahydrofuran	250.000	189.936	24.0	69	0.01
30 C	Chloroform	50.000	48.674	2.7#	91	0.02
31 T	Cyclohexane	50.000	56.982	-14.0	108	0.01
32 T	1,1,1-Trichloroethane	50.000	49.564	0.9	92	0.02
33 S	1,2-Dichloroethane-d4	50.000	44.591	10.8	86	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.01
35 S	Dibromofluoromethane	50.000	48.378	3.2	95	0.02
36 T	1,1-Dichloropropene	50.000	54.112	-8.2	101	0.02
37 T	Ethyl Acetate	50.000	38.072	23.9	72	0.02
38 T	Carbon Tetrachloride	50.000	49.916	0.2	95	0.01
39 T	Methylcyclohexane	50.000	58.418	-16.8	105	0.02
40 TM	Benzene	50.000	51.293	-2.6	97	0.02
41 T	Methacrylonitrile	50.000	44.915	10.2	93	0.03
42 TM	1,2-Dichloroethane	50.000	45.520	9.0	87	0.01
43 T	Isopropyl Acetate	50.000	37.927	24.1	72	0.02
44 TM	Trichloroethene	50.000	50.557	-1.1	95	0.02
45 C	1,2-Dichloropropane	50.000	47.743	4.5#	90	0.01
46 T	Dibromomethane	50.000	44.616	10.8	85	0.02
47 T	Bromodichloromethane	50.000	45.341	9.3	87	0.01
48 T	Methyl methacrylate	50.000	41.107	17.8	75	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	742.935	25.7#	72	0.01
50 S	Toluene-d8	50.000	47.734	4.5	90	0.01
51 T	4-Methyl-2-Pentanone	250.000	184.079	26.4#	68	0.01
52 CM	Toluene	50.000	51.885	-3.8#	96	0.02
53 T	t-1,3-Dichloropropene	50.000	45.203	9.6	84	0.02
54 T	cis-1,3-Dichloropropene	50.000	47.487	5.0	88	0.01
55 T	1,1,2-Trichloroethane	50.000	41.714	16.6	80	0.01
56 T	Ethyl methacrylate	50.000	41.230	17.5	75	0.01
57 T	1,3-Dichloropropane	50.000	43.229	13.5	82	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	197.253	21.1	76	0.02
59 T	2-Hexanone	250.000	173.455	30.6#	68	0.01
60 T	Dibromochloromethane	50.000	42.582	14.8	80	0.01
61 T	1,2-Dibromoethane	50.000	43.453	13.1	81	0.01
62 S	4-Bromofluorobenzene	50.000	47.436	5.1	93	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.01
64 T	Tetrachloroethene	50.000	52.318	-4.6	98	0.02
65 PM	Chlorobenzene	50.000	49.806	0.4	93	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	46.917	6.2	87	0.01
67 C	Ethyl Benzene	50.000	53.423	-6.8#	96	0.02
68 T	m/p-Xylenes	100.000	107.777	-7.8	96	0.02
69 T	o-Xylene	50.000	52.494	-5.0	93	0.01
70 T	Styrene	50.000	52.192	-4.4	91	0.02
71 P	Bromoform	50.000	42.193	15.6	77	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.02
73 T	Isopropylbenzene	50.000	53.211	-6.4	94	0.02
74 T	N-amyl acetate	50.000	39.396	21.2	70	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	38.888	22.2	73	0.01
76 T	1,2,3-Trichloropropane	50.000	41.350	17.3	68	0.01
77 T	Bromobenzene	50.000	48.087	3.8	89	0.02
78 T	n-propylbenzene	50.000	53.527	-7.1	94	0.02
79 T	2-Chlorotoluene	50.000	50.666	-1.3	91	0.02
80 T	1,3,5-Trimethylbenzene	50.000	53.204	-6.4	93	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	38.641	22.7	72	0.02
82 T	4-Chlorotoluene	50.000	51.121	-2.2	92	0.02
83 T	tert-Butylbenzene	50.000	52.254	-4.5	93	0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.285	-4.6	92	0.01
85 T	sec-Butylbenzene	50.000	52.440	-4.9	93	0.01
86 T	p-Isopropyltoluene	50.000	52.901	-5.8	92	0.01
87 T	1,3-Dichlorobenzene	50.000	48.392	3.2	88	0.02
88 T	1,4-Dichlorobenzene	50.000	48.331	3.3	89	0.02
89 T	n-Butylbenzene	50.000	53.472	-6.9	93	0.02
90 T	Hexachloroethane	50.000	49.027	1.9	90	0.01
91 T	1,2-Dichlorobenzene	50.000	46.695	6.6	86	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	35.282	29.4#	69	0.01
93 T	1,2,4-Trichlorobenzene	50.000	48.417	3.2	84	0.01
94 T	Hexachlorobutadiene	50.000	49.560	0.9	90	0.01
95 T	Naphthalene	50.000	44.642	10.7	76	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.009	8.0	80	0.02

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