

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019880.D
 Acq On : 11 Oct 2024 18:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 01:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	46.033	7.9	70	0.00
3 P	Chloromethane	50.000	57.330	-14.7	84	0.00
4 C	Vinyl Chloride	50.000	53.127	-6.3#	77	0.00
5 T	Bromomethane	50.000	57.206	-14.4	83	0.00
6 T	Chloroethane	50.000	56.312	-12.6	83	0.00
7 T	Trichlorofluoromethane	50.000	50.261	-0.5	75	0.00
8 T	Diethyl Ether	50.000	56.510	-13.0	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.187	1.6	73	0.00
10 T	Methyl Iodide	50.000	53.538	-7.1	74	0.00
11 T	Tert butyl alcohol	250.000	205.839	17.7	71	0.02
12 CM	1,1-Dichloroethene	50.000	51.565	-3.1#	75	0.00
13 T	Acrolein	250.000	261.874	-4.7	89	0.00
14 T	Allyl chloride	50.000	55.018	-10.0	79	0.00
15 T	Acrylonitrile	250.000	294.966	-18.0	85	0.00
16 T	Acetone	250.000	228.752	8.5	64	0.00
17 T	Carbon Disulfide	50.000	54.471	-8.9	75	0.00
18 T	Methyl Acetate	50.000	62.240	-24.5	92	0.00
19 T	Methyl tert-butyl Ether	50.000	55.818	-11.6	82	0.00
20 T	Methylene Chloride	50.000	57.874	-15.7	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.048	-8.1	78	0.01
22 T	Diisopropyl ether	50.000	58.317	-16.6	85	0.00
23 T	Vinyl Acetate	250.000	240.714	3.7	68	0.00
24 P	1,1-Dichloroethane	50.000	57.099	-14.2	83	0.00
25 T	2-Butanone	250.000	262.843	-5.1	76	0.00
26 T	2,2-Dichloropropane	50.000	45.997	8.0	69	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.211	-12.4	82	0.00
28 T	Bromochloromethane	50.000	58.500	-17.0	85	0.00
29 T	Tetrahydrofuran	250.000	292.327	-16.9	84	0.00
30 C	Chloroform	50.000	57.221	-14.4#	83	0.00
31 T	Cyclohexane	50.000	48.387	3.2	74	0.00
32 T	1,1,1-Trichloroethane	50.000	53.035	-6.1	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.656	-19.3	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	56.578	-13.2	94	0.00
36 T	1,1-Dichloropropene	50.000	49.205	1.6	76	0.00
37 T	Ethyl Acetate	50.000	53.723	-7.4	83	0.00
38 T	Carbon Tetrachloride	50.000	48.374	3.3	75	0.00
39 T	Methylcyclohexane	50.000	45.701	8.6	70	0.00
40 TM	Benzene	50.000	53.037	-6.1	83	0.00
41 T	Methacrylonitrile	50.000	58.016	-16.0	80	0.00
42 TM	1,2-Dichloroethane	50.000	54.440	-8.9	84	0.00
43 T	Isopropyl Acetate	50.000	53.554	-7.1	83	0.00
44 TM	Trichloroethene	50.000	49.836	0.3	76	0.00
45 C	1,2-Dichloropropane	50.000	53.275	-6.5#	84	0.00
46 T	Dibromomethane	50.000	51.823	-3.6	81	0.00
47 T	Bromodichloromethane	50.000	53.742	-7.5	83	0.00
48 T	Methyl methacrylate	50.000	55.440	-10.9	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1039.653	-4.0	78	0.00
50 S	Toluene-d8	50.000	55.523	-11.0	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	278.711	-11.5	86	0.00
52 CM	Toluene	50.000	53.049	-6.1#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.647	-5.3	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.812	-3.6	80	0.00
55 T	1,1,2-Trichloroethane	50.000	53.283	-6.6	83	0.00
56 T	Ethyl methacrylate	50.000	54.592	-9.2	81	0.00
57 T	1,3-Dichloropropane	50.000	53.996	-8.0	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	290.632	-16.3	95	0.00
59 T	2-Hexanone	250.000	261.332	-4.5	79	0.00
60 T	Dibromochloromethane	50.000	53.503	-7.0	83	0.00
61 T	1,2-Dibromoethane	50.000	52.280	-4.6	80	0.00
62 S	4-Bromofluorobenzene	50.000	54.725	-9.5	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	49.612	0.8	79	0.00
65 PM	Chlorobenzene	50.000	50.725	-1.5	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.856	-3.7	83	0.00
67 C	Ethyl Benzene	50.000	50.380	-0.8#	80	0.00
68 T	m/p-Xylenes	100.000	99.535	0.5	79	0.00
69 T	o-Xylene	50.000	50.567	-1.1	80	0.00
70 T	Styrene	50.000	51.738	-3.5	81	0.00
71 P	Bromoform	50.000	50.312	-0.6	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	48.943	2.1	78	0.00
74 T	N-amyl acetate	50.000	52.509	-5.0	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.238	-8.5	85	0.00
76 T	1,2,3-Trichloropropane	50.000	32.214	35.6#	51	0.00
77 T	Bromobenzene	50.000	50.103	-0.2	79	0.00
78 T	n-propylbenzene	50.000	48.735	2.5	76	0.00
79 T	2-Chlorotoluene	50.000	49.984	0.0	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.933	2.1	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.004	4.0	75	0.00
82 T	4-Chlorotoluene	50.000	49.685	0.6	79	0.00
83 T	tert-Butylbenzene	50.000	47.693	4.6	75	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.016	2.0	77	0.00
85 T	sec-Butylbenzene	50.000	47.123	5.8	73	0.00
86 T	p-Isopropyltoluene	50.000	46.690	6.6	73	0.00
87 T	1,3-Dichlorobenzene	50.000	48.378	3.2	77	0.00
88 T	1,4-Dichlorobenzene	50.000	48.308	3.4	76	0.00
89 T	n-Butylbenzene	50.000	46.365	7.3	70	0.00
90 T	Hexachloroethane	50.000	47.278	5.4	74	0.00
91 T	1,2-Dichlorobenzene	50.000	49.474	1.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.856	4.3	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	43.456	13.1	64	0.00
94 T	Hexachlorobutadiene	50.000	41.843	16.3	63	0.00
95 T	Naphthalene	50.000	48.188	3.6	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.501	9.0	67	0.00

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