

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016961.D
 Acq On : 09 Jan 2024 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 02:33:02 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	36.368	27.3#	56	0.00
3 P	Chloromethane	50.000	44.495	11.0	68	0.00
4 C	Vinyl Chloride	50.000	46.068	7.9#	69	0.00
5 T	Bromomethane	50.000	50.096	-0.2	80	0.00
6 T	Chloroethane	50.000	48.434	3.1	73	0.00
7 T	Trichlorofluoromethane	50.000	44.222	11.6	66	0.00
8 T	Diethyl Ether	50.000	51.844	-3.7	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.535	14.9	65	0.00
10 T	Methyl Iodide	50.000	46.870	6.3	65	0.00
11 T	Tert butyl alcohol	250.000	324.319	-29.7#	94	0.00
12 CM	1,1-Dichloroethene	50.000	44.034	11.9#	66	0.00
13 T	Acrolein	250.000	241.347	3.5	76	0.00
14 T	Allyl chloride	50.000	47.945	4.1	70	0.00
15 T	Acrylonitrile	250.000	280.814	-12.3	84	0.00
16 T	Acetone	250.000	273.916	-9.6	82	0.00
17 T	Carbon Disulfide	50.000	40.803	18.4	57	0.00
18 T	Methyl Acetate	50.000	63.205	-26.4#	85	0.00
19 T	Methyl tert-butyl Ether	50.000	56.660	-13.3	82	0.00
20 T	Methylene Chloride	50.000	52.656	-5.3	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.581	4.8	70	0.00
22 T	Diisopropyl ether	50.000	53.270	-6.5	76	0.01
23 T	Vinyl Acetate	250.000	261.422	-4.6	77	0.00
24 P	1,1-Dichloroethane	50.000	49.975	0.0	74	0.00
25 T	2-Butanone	250.000	287.418	-15.0	85	0.01
26 T	2,2-Dichloropropane	50.000	47.710	4.6	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.094	-2.2	75	0.00
28 T	Bromochloromethane	50.000	60.851	-21.7	82	0.00
29 T	Tetrahydrofuran	250.000	295.689	-18.3	86	0.00
30 C	Chloroform	50.000	51.841	-3.7#	77	0.00
31 T	Cyclohexane	50.000	40.957	18.1	62	0.00
32 T	1,1,1-Trichloroethane	50.000	48.959	2.1	72	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.191	-16.4	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.933	-7.9	86	0.01
36 T	1,1-Dichloropropene	50.000	44.618	10.8	68	0.01
37 T	Ethyl Acetate	50.000	54.390	-8.8	84	0.00
38 T	Carbon Tetrachloride	50.000	45.857	8.3	71	0.00
39 T	Methylcyclohexane	50.000	41.049	17.9	60	0.01
40 TM	Benzene	50.000	47.895	4.2	73	0.00
41 T	Methacrylonitrile	50.000	59.657	-19.3	101	0.00
42 TM	1,2-Dichloroethane	50.000	51.784	-3.6	81	0.00
43 T	Isopropyl Acetate	50.000	55.388	-10.8	86	0.00
44 TM	Trichloroethene	50.000	46.872	6.3	72	0.01
45 C	1,2-Dichloropropane	50.000	49.567	0.9#	76	0.00
46 T	Dibromomethane	50.000	52.762	-5.5	82	0.00
47 T	Bromodichloromethane	50.000	50.679	-1.4	79	0.00
48 T	Methyl methacrylate	50.000	55.318	-10.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1193.170	-19.3	94	0.00
50 S	Toluene-d8	50.000	54.262	-8.5	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	292.361	-16.9	87	0.00
52 CM	Toluene	50.000	49.014	2.0#	74	0.00
53 T	t-1,3-Dichloropropene	50.000	51.368	-2.7	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.192	-0.4	76	0.00
55 T	1,1,2-Trichloroethane	50.000	52.690	-5.4	82	0.00
56 T	Ethyl methacrylate	50.000	57.554	-15.1	85	0.00
57 T	1,3-Dichloropropane	50.000	52.156	-4.3	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.097	-11.2	90	0.00
59 T	2-Hexanone	250.000	276.749	-10.7	88	0.00
60 T	Dibromochloromethane	50.000	52.425	-4.8	80	0.00
61 T	1,2-Dibromoethane	50.000	54.011	-8.0	82	0.00
62 S	4-Bromofluorobenzene	50.000	54.744	-9.5	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	46.257	7.5	74	0.00
65 PM	Chlorobenzene	50.000	48.056	3.9	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.790	0.4	78	0.00
67 C	Ethyl Benzene	50.000	48.224	3.6#	74	0.00
68 T	m/p-Xylenes	100.000	96.956	3.0	74	0.00
69 T	o-Xylene	50.000	49.072	1.9	74	0.00
70 T	Styrene	50.000	50.727	-1.5	75	0.00
71 P	Bromoform	50.000	53.263	-6.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	46.217	7.6	73	0.00
74 T	N-ethyl acetate	50.000	53.895	-7.8	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.001	-2.0	86	0.00
76 T	1,2,3-Trichloropropane	50.000	55.111	-10.2	82	0.00
77 T	Bromobenzene	50.000	47.241	5.5	78	0.00
78 T	n-propylbenzene	50.000	45.461	9.1	72	0.00
79 T	2-Chlorotoluene	50.000	46.570	6.9	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.890	6.2	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.538	-1.1	85	0.00
82 T	4-Chlorotoluene	50.000	47.029	5.9	76	0.00
83 T	tert-Butylbenzene	50.000	45.992	8.0	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.069	3.9	76	0.00
85 T	sec-Butylbenzene	50.000	44.794	10.4	71	0.00
86 T	p-Isopropyltoluene	50.000	45.750	8.5	71	0.00
87 T	1,3-Dichlorobenzene	50.000	46.558	6.9	76	0.00
88 T	1,4-Dichlorobenzene	50.000	46.390	7.2	77	0.00
89 T	n-Butylbenzene	50.000	44.144	11.7	69	0.00
90 T	Hexachloroethane	50.000	43.707	12.6	72	0.00
91 T	1,2-Dichlorobenzene	50.000	47.451	5.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.249	-2.5	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.733	6.5	73	0.00
94 T	Hexachlorobutadiene	50.000	39.328	21.3	64	0.00
95 T	Naphthalene	50.000	52.770	-5.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.849	6.3	73	0.00

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