

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016586.D
 Acq On : 04 Dec 2023 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 01:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	41.745	16.5	87	0.00
3 P	Chloromethane	50.000	40.556	18.9	83	0.00
4 C	Vinyl Chloride	50.000	41.424	17.2#	83	0.00
5 T	Bromomethane	50.000	42.715	14.6	86	0.00
6 T	Chloroethane	50.000	42.458	15.1	83	0.00
7 T	Trichlorofluoromethane	50.000	43.786	12.4	87	0.00
8 T	Diethyl Ether	50.000	44.169	11.7	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.489	13.0	85	0.00
10 T	Methyl Iodide	50.000	47.883	4.2	91	0.00
11 T	Tert butyl alcohol	250.000	232.645	6.9	90	0.01
12 CM	1,1-Dichloroethene	50.000	44.992	10.0#	87	0.00
13 T	Acrolein	250.000	229.454	8.2	83	0.00
14 T	Allyl chloride	50.000	45.066	9.9	87	0.00
15 T	Acrylonitrile	250.000	227.738	8.9	85	0.00
16 T	Acetone	250.000	197.141	21.1	85	0.00
17 T	Carbon Disulfide	50.000	44.961	10.1	87	0.00
18 T	Methyl Acetate	50.000	48.570	2.9	86	0.00
19 T	Methyl tert-butyl Ether	50.000	46.557	6.9	87	0.00
20 T	Methylene Chloride	50.000	49.387	1.2	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.445	9.1	89	0.00
22 T	Diisopropyl ether	50.000	46.085	7.8	86	0.00
23 T	Vinyl Acetate	250.000	224.546	10.2	84	0.00
24 P	1,1-Dichloroethane	50.000	44.806	10.4	88	0.00
25 T	2-Butanone	250.000	210.786	15.7	85	0.00
26 T	2,2-Dichloropropane	50.000	44.521	11.0	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.608	6.8	90	0.00
28 T	Bromochloromethane	50.000	49.413	1.2	89	0.00
29 T	Tetrahydrofuran	250.000	230.504	7.8	83	0.00
30 C	Chloroform	50.000	46.419	7.2#	91	0.00
31 T	Cyclohexane	50.000	41.606	16.8	86	0.00
32 T	1,1,1-Trichloroethane	50.000	45.519	9.0	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.052	1.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	49.776	0.4	89	0.00
36 T	1,1-Dichloropropene	50.000	44.876	10.2	87	0.00
37 T	Ethyl Acetate	50.000	44.725	10.5	83	0.00
38 T	Carbon Tetrachloride	50.000	45.139	9.7	88	0.00
39 T	Methylcyclohexane	50.000	44.968	10.1	85	0.00
40 TM	Benzene	50.000	45.207	9.6	88	0.00
41 T	Methacrylonitrile	50.000	41.280	17.4	77	0.00
42 TM	1,2-Dichloroethane	50.000	46.714	6.6	89	0.00
43 T	Isopropyl Acetate	50.000	46.114	7.8	84	0.00
44 TM	Trichloroethene	50.000	45.637	8.7	90	0.00
45 C	1,2-Dichloropropane	50.000	45.390	9.2#	88	0.00
46 T	Dibromomethane	50.000	46.469	7.1	87	0.00
47 T	Bromodichloromethane	50.000	46.168	7.7	89	0.00
48 T	Methyl methacrylate	50.000	46.343	7.3	83	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	980.196	2.0	88	0.00
50 S	Toluene-d8	50.000	50.173	-0.3	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.126	6.7	84	0.00
52 CM	Toluene	50.000	46.518	7.0#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	46.630	6.7	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.733	6.5	88	0.00
55 T	1,1,2-Trichloroethane	50.000	46.512	7.0	88	0.00
56 T	Ethyl methacrylate	50.000	48.114	3.8	85	0.00
57 T	1,3-Dichloropropane	50.000	46.801	6.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.562	-4.6	91	0.00
59 T	2-Hexanone	250.000	220.347	11.9	84	0.00
60 T	Dibromochloromethane	50.000	46.765	6.5	90	0.00
61 T	1,2-Dibromoethane	50.000	47.863	4.3	88	0.00
62 S	4-Bromofluorobenzene	50.000	51.471	-2.9	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	45.804	8.4	89	0.00
65 PM	Chlorobenzene	50.000	46.234	7.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.296	7.4	90	0.00
67 C	Ethyl Benzene	50.000	45.201	9.6#	87	0.00
68 T	m/p-Xylenes	100.000	91.733	8.3	89	0.00
69 T	o-Xylene	50.000	46.870	6.3	92	0.00
70 T	Styrene	50.000	47.650	4.7	90	0.00
71 P	Bromoform	50.000	46.993	6.0	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	46.162	7.7	90	0.00
74 T	N-amyl acetate	50.000	45.192	9.6	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.012	10.0	87	0.00
76 T	1,2,3-Trichloropropane	50.000	47.332	5.3	94	0.00
77 T	Bromobenzene	50.000	46.365	7.3	91	0.00
78 T	n-propylbenzene	50.000	45.325	9.3	89	0.00
79 T	2-Chlorotoluene	50.000	45.698	8.6	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.156	7.7	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.514	11.0	86	0.00
82 T	4-Chlorotoluene	50.000	44.611	10.8	88	0.00
83 T	tert-Butylbenzene	50.000	46.891	6.2	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.360	7.3	90	0.00
85 T	sec-Butylbenzene	50.000	45.151	9.7	89	0.00
86 T	p-Isopropyltoluene	50.000	46.020	8.0	88	0.00
87 T	1,3-Dichlorobenzene	50.000	45.645	8.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	45.875	8.3	90	0.00
89 T	n-Butylbenzene	50.000	46.308	7.4	89	0.00
90 T	Hexachloroethane	50.000	44.957	10.1	89	0.00
91 T	1,2-Dichlorobenzene	50.000	45.760	8.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.960	8.1	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.370	5.3	89	0.00
94 T	Hexachlorobutadiene	50.000	45.152	9.7	87	0.00
95 T	Naphthalene	50.000	50.118	-0.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.201	1.6	88	0.00

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