

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY111323\
 Data File : VY016316.D
 Acq On : 13 Nov 2023 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 04:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	98	0.01
2 T	Dichlorodifluoromethane	50.000	46.065	7.9	96	0.01
3 P	Chloromethane	50.000	44.579	10.8	93	0.00
4 C	Vinyl Chloride	50.000	45.005	10.0#	92	0.00
5 T	Bromomethane	50.000	42.155	15.7	87	0.01
6 T	Chloroethane	50.000	45.737	8.5	94	0.01
7 T	Trichlorofluoromethane	50.000	49.438	1.1	97	0.01
8 T	Diethyl Ether	50.000	45.410	9.2	90	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.520	3.0	99	0.01
10 T	Methyl Iodide	50.000	47.015	6.0	90	0.01
11 T	Tert butyl alcohol	250.000	167.812	32.9#	68	0.01
12 CM	1,1-Dichloroethene	50.000	48.203	3.6#	97	0.01
13 T	Acrolein	250.000	202.976	18.8	78	0.01
14 T	Allyl chloride	50.000	46.944	6.1	91	0.01
15 T	Acrylonitrile	250.000	218.624	12.6	84	0.00
16 T	Acetone	250.000	234.535	6.2	96	0.00
17 T	Carbon Disulfide	50.000	47.404	5.2	95	0.01
18 T	Methyl Acetate	50.000	44.148	11.7	85	0.01
19 T	Methyl tert-butyl Ether	50.000	44.480	11.0	86	0.01
20 T	Methylene Chloride	50.000	47.099	5.8	89	0.01
21 T	trans-1,2-Dichloroethene	50.000	47.234	5.5	95	0.02
22 T	Diisopropyl ether	50.000	46.393	7.2	90	0.00
23 T	Vinyl Acetate	250.000	222.020	11.2	84	0.01
24 P	1,1-Dichloroethane	50.000	47.346	5.3	94	0.00
25 T	2-Butanone	250.000	211.109	15.6	83	0.00
26 T	2,2-Dichloropropane	50.000	48.722	2.6	96	0.01
27 T	cis-1,2-Dichloroethene	50.000	47.565	4.9	94	0.00
28 T	Bromochloromethane	50.000	51.091	-2.2	101	0.00
29 T	Tetrahydrofuran	250.000	204.902	18.0	77	0.01
30 C	Chloroform	50.000	47.619	4.8#	95	0.00
31 T	Cyclohexane	50.000	45.412	9.2	94	0.00
32 T	1,1,1-Trichloroethane	50.000	48.367	3.3	96	0.01
33 S	1,2-Dichloroethane-d4	50.000	45.947	8.1	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	51.415	-2.8	100	0.00
36 T	1,1-Dichloropropene	50.000	49.026	1.9	95	0.01
37 T	Ethyl Acetate	50.000	41.512	17.0	79	0.00
38 T	Carbon Tetrachloride	50.000	50.632	-1.3	98	0.00
39 T	Methylcyclohexane	50.000	49.407	1.2	94	0.00
40 TM	Benzene	50.000	48.491	3.0	93	0.01
41 T	Methacrylonitrile	50.000	51.040	-2.1	101	0.00
42 TM	1,2-Dichloroethane	50.000	47.091	5.8	89	0.01
43 T	Isopropyl Acetate	50.000	42.805	14.4	80	0.01
44 TM	Trichloroethene	50.000	48.557	2.9	94	0.00
45 C	1,2-Dichloropropane	50.000	47.931	4.1#	90	0.00
46 T	Dibromomethane	50.000	47.345	5.3	89	0.00
47 T	Bromodichloromethane	50.000	48.246	3.5	92	0.00
48 T	Methyl methacrylate	50.000	44.137	11.7	81	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	800.280	20.0	73	0.00
50 S	Toluene-d8	50.000	50.560	-1.1	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	212.152	15.1	79	0.00
52 CM	Toluene	50.000	49.113	1.8#	94	0.01
53 T	t-1,3-Dichloropropene	50.000	47.276	5.4	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.273	3.5	91	0.00
55 T	1,1,2-Trichloroethane	50.000	47.264	5.5	89	0.00
56 T	Ethyl methacrylate	50.000	45.373	9.3	82	0.00
57 T	1,3-Dichloropropane	50.000	47.061	5.9	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.434	4.6	83	0.00
59 T	2-Hexanone	250.000	198.789	20.5	78	0.00
60 T	Dibromochloromethane	50.000	48.133	3.7	89	0.00
61 T	1,2-Dibromoethane	50.000	46.041	7.9	86	0.00
62 S	4-Bromofluorobenzene	50.000	48.633	2.7	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	49.666	0.7	93	0.01
65 PM	Chlorobenzene	50.000	48.920	2.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.169	-0.3	94	0.00
67 C	Ethyl Benzene	50.000	49.882	0.2#	93	0.01
68 T	m/p-Xylenes	100.000	99.607	0.4	92	0.00
69 T	o-Xylene	50.000	49.835	0.3	91	0.00
70 T	Styrene	50.000	50.013	-0.0	91	0.00
71 P	Bromoform	50.000	47.940	4.1	88	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	50.836	-1.7	93	0.01
74 T	N-ethyl acetate	50.000	43.709	12.6	77	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.332	7.3	85	0.00
76 T	1,2,3-Trichloropropane	50.000	45.005	10.0	88	0.00
77 T	Bromobenzene	50.000	48.671	2.7	88	0.00
78 T	n-propylbenzene	50.000	50.438	-0.9	93	0.01
79 T	2-Chlorotoluene	50.000	49.121	1.8	89	0.01
80 T	1,3,5-Trimethylbenzene	50.000	50.522	-1.0	92	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	45.424	9.2	83	0.00
82 T	4-Chlorotoluene	50.000	49.686	0.6	91	0.01
83 T	tert-Butylbenzene	50.000	50.460	-0.9	92	0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.709	0.6	90	0.00
85 T	sec-Butylbenzene	50.000	50.671	-1.3	93	0.00
86 T	p-Isopropyltoluene	50.000	50.666	-1.3	92	0.00
87 T	1,3-Dichlorobenzene	50.000	48.640	2.7	91	0.01
88 T	1,4-Dichlorobenzene	50.000	48.627	2.7	90	0.01
89 T	n-Butylbenzene	50.000	51.052	-2.1	92	0.01
90 T	Hexachloroethane	50.000	49.592	0.8	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.049	3.9	89	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.093	17.8	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.956	4.1	88	0.01
94 T	Hexachlorobutadiene	50.000	50.197	-0.4	94	0.00
95 T	Naphthalene	50.000	44.889	10.2	82	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.211	7.6	88	0.01

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