

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012128.D
 Acq On : 09 Jan 2023 22:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 01:52:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	46.692	6.6	77	0.00
3 P	Chloromethane	50.000	48.644	2.7	82	0.00
4 C	Vinyl Chloride	50.000	42.794	14.4#	79	0.00
5 T	Bromomethane	50.000	52.002	-4.0	86	0.00
6 T	Chloroethane	50.000	46.083	7.8	85	0.00
7 T	Trichlorofluoromethane	50.000	45.987	8.0	81	0.00
8 T	Diethyl Ether	50.000	50.427	-0.9	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.933	6.1	81	0.00
10 T	Methyl Iodide	50.000	45.962	8.1	79	0.00
11 T	Tert butyl alcohol	250.000	241.503	3.4	85	0.00
12 CM	1,1-Dichloroethene	50.000	45.972	8.1#	82	0.00
13 T	Acrolein	250.000	203.717	18.5	76	0.00
14 T	Allyl chloride	50.000	48.039	3.9	84	0.00
15 T	Acrylonitrile	250.000	259.717	-3.9	90	0.00
16 T	Acetone	250.000	268.263	-7.3	94	0.00
17 T	Carbon Disulfide	50.000	47.454	5.1	82	0.00
18 T	Methyl Acetate	50.000	49.287	1.4	90	0.00
19 T	Methyl tert-butyl Ether	50.000	54.239	-8.5	91	0.00
20 T	Methylene Chloride	50.000	61.207	-22.4	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.475	1.0	87	0.00
22 T	Diisopropyl ether	50.000	53.729	-7.5	90	0.00
23 T	Vinyl Acetate	250.000	264.670	-5.9	88	0.00
24 P	1,1-Dichloroethane	50.000	51.466	-2.9	88	0.00
25 T	2-Butanone	250.000	255.133	-2.1	90	0.00
26 T	2,2-Dichloropropane	50.000	47.373	5.3	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.602	-5.2	88	0.00
28 T	Bromochloromethane	50.000	51.205	-2.4	90	0.00
29 T	Tetrahydrofuran	250.000	260.087	-4.0	89	0.00
30 C	Chloroform	50.000	54.364	-8.7#	91	0.00
31 T	Cyclohexane	50.000	47.711	4.6	78	0.00
32 T	1,1,1-Trichloroethane	50.000	51.818	-3.6	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.435	-4.9	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	51.214	-2.4	90	0.00
36 T	1,1-Dichloropropene	50.000	46.533	6.9	85	0.00
37 T	Ethyl Acetate	50.000	46.520	7.0	89	0.00
38 T	Carbon Tetrachloride	50.000	49.181	1.6	86	0.00
39 T	Methylcyclohexane	50.000	45.048	9.9	81	0.00
40 TM	Benzene	50.000	49.084	1.8	88	0.00
41 T	Methacrylonitrile	50.000	52.516	-5.0	86	0.00
42 TM	1,2-Dichloroethane	50.000	53.148	-6.3	93	0.00
43 T	Isopropyl Acetate	50.000	51.136	-2.3	89	0.00
44 TM	Trichloroethene	50.000	49.938	0.1	89	0.00
45 C	1,2-Dichloropropane	50.000	51.636	-3.3#	90	0.00
46 T	Dibromomethane	50.000	53.276	-6.6	92	0.00
47 T	Bromodichloromethane	50.000	54.239	-8.5	93	0.00
48 T	Methyl methacrylate	50.000	52.629	-5.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1057.042	-5.7	96	0.00
50 S	Toluene-d8	50.000	48.993	2.0	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.361	-2.9	89	0.00
52 CM	Toluene	50.000	50.338	-0.7#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	52.802	-5.6	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.844	-3.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	54.605	-9.2	93	0.00
56 T	Ethyl methacrylate	50.000	53.483	-7.0	90	0.00
57 T	1,3-Dichloropropane	50.000	52.853	-5.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.018	5.2	84	0.00
59 T	2-Hexanone	250.000	265.044	-6.0	89	0.00
60 T	Dibromochloromethane	50.000	54.516	-9.0	93	0.00
61 T	1,2-Dibromoethane	50.000	52.030	-4.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.931	-3.9	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	49.739	0.5	93	0.00
65 PM	Chlorobenzene	50.000	48.934	2.1	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.327	-2.7	93	0.00
67 C	Ethyl Benzene	50.000	48.655	2.7#	89	0.00
68 T	m/p-Xylenes	100.000	97.455	2.5	90	0.00
69 T	o-Xylene	50.000	49.984	0.0	91	0.00
70 T	Styrene	50.000	50.400	-0.8	91	0.00
71 P	Bromoform	50.000	51.484	-3.0	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	48.537	2.9	89	0.00
74 T	N-ethyl acetate	50.000	48.802	2.4	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.452	1.1	92	0.00
76 T	1,2,3-Trichloropropane	50.000	47.913	4.2	96	0.00
77 T	Bromobenzene	50.000	49.517	1.0	93	0.00
78 T	n-propylbenzene	50.000	48.268	3.5	89	0.00
79 T	2-Chlorotoluene	50.000	48.167	3.7	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.597	0.8	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.094	5.8	87	0.00
82 T	4-Chlorotoluene	50.000	47.927	4.1	90	0.00
83 T	tert-Butylbenzene	50.000	48.827	2.3	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.264	-0.5	93	0.00
85 T	sec-Butylbenzene	50.000	48.537	2.9	88	0.00
86 T	p-Isopropyltoluene	50.000	49.010	2.0	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.625	2.8	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.594	2.8	92	0.00
89 T	n-Butylbenzene	50.000	48.299	3.4	88	0.00
90 T	Hexachloroethane	50.000	48.295	3.4	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.722	2.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.750	4.5	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.292	3.4	91	0.00
94 T	Hexachlorobutadiene	50.000	48.028	3.9	89	0.00
95 T	Naphthalene	50.000	49.494	1.0	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.544	2.9	92	0.00

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