

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011708.D
 Acq On : 05 Dec 2022 19:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 00:38:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	46.237	7.5	91	0.00
3 P	Chloromethane	50.000	40.267	19.5	76	0.00
4 C	Vinyl Chloride	50.000	36.566	26.9#	74	0.00
5 T	Bromomethane	50.000	40.026	19.9	77	0.00
6 T	Chloroethane	50.000	37.264	25.5#	76	0.00
7 T	Trichlorofluoromethane	50.000	46.046	7.9	95	0.00
8 T	Diethyl Ether	50.000	47.953	4.1	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.526	2.9	97	0.00
10 T	Methyl Iodide	50.000	47.841	4.3	86	0.00
11 T	Tert butyl alcohol	250.000	261.607	-4.6	109	0.00
12 CM	1,1-Dichloroethene	50.000	47.534	4.9#	94	-0.01
13 T	Acrolein	250.000	189.098	24.4	116	0.00
14 T	Allyl chloride	50.000	46.457	7.1	88	0.00
15 T	Acrylonitrile	250.000	251.372	-0.5	100	0.00
16 T	Acetone	250.000	195.056	22.0	77	0.00
17 T	Carbon Disulfide	50.000	43.072	13.9	84	0.00
18 T	Methyl Acetate	50.000	47.112	5.8	98	-0.01
19 T	Methyl tert-butyl Ether	50.000	51.694	-3.4	99	0.00
20 T	Methylene Chloride	50.000	49.516	1.0	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.023	4.0	92	0.00
22 T	Diisopropyl ether	50.000	48.240	3.5	89	0.00
23 T	Vinyl Acetate	250.000	249.742	0.1	90	0.00
24 P	1,1-Dichloroethane	50.000	47.983	4.0	95	0.00
25 T	2-Butanone	250.000	215.308	13.9	85	0.00
26 T	2,2-Dichloropropane	50.000	47.377	5.2	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.312	1.4	94	0.00
28 T	Bromochloromethane	50.000	47.091	5.8	90	0.00
29 T	Tetrahydrofuran	250.000	240.295	3.9	94	0.00
30 C	Chloroform	50.000	50.191	-0.4#	98	0.00
31 T	Cyclohexane	50.000	44.122	11.8	87	0.00
32 T	1,1,1-Trichloroethane	50.000	49.442	1.1	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.975	-2.0	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	53.923	-7.8	111	0.00
36 T	1,1-Dichloropropene	50.000	48.390	3.2	91	0.00
37 T	Ethyl Acetate	50.000	48.362	3.3	94	0.00
38 T	Carbon Tetrachloride	50.000	50.661	-1.3	98	0.00
39 T	Methylcyclohexane	50.000	49.227	1.5	90	0.00
40 TM	Benzene	50.000	49.343	1.3	93	0.00
41 T	Methacrylonitrile	50.000	50.681	-1.4	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.051	1.9	96	0.00
43 T	Isopropyl Acetate	50.000	47.704	4.6	91	0.00
44 TM	Trichloroethene	50.000	49.880	0.2	96	0.00
45 C	1,2-Dichloropropane	50.000	48.907	2.2#	93	0.00
46 T	Dibromomethane	50.000	48.644	2.7	95	0.00
47 T	Bromodichloromethane	50.000	50.914	-1.8	98	0.00
48 T	Methyl methacrylate	50.000	48.947	2.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1070.856	-7.1	103	0.00
50 S	Toluene-d8	50.000	50.489	-1.0	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	246.664	1.3	93	0.00
52 CM	Toluene	50.000	49.924	0.2#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	49.728	0.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.796	0.4	94	0.00
55 T	1,1,2-Trichloroethane	50.000	49.741	0.5	96	0.00
56 T	Ethyl methacrylate	50.000	52.843	-5.7	97	0.00
57 T	1,3-Dichloropropane	50.000	50.325	-0.7	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.198	0.3	90	0.00
59 T	2-Hexanone	250.000	235.411	5.8	87	0.00
60 T	Dibromochloromethane	50.000	51.702	-3.4	99	0.00
61 T	1,2-Dibromoethane	50.000	50.209	-0.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	53.086	-6.2	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	49.522	1.0	94	0.00
65 PM	Chlorobenzene	50.000	49.251	1.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.160	-2.3	95	0.00
67 C	Ethyl Benzene	50.000	49.976	0.0#	92	0.00
68 T	m/p-Xylenes	100.000	99.468	0.5	90	0.00
69 T	o-Xylene	50.000	50.820	-1.6	91	0.00
70 T	Styrene	50.000	51.391	-2.8	92	0.00
71 P	Bromoform	50.000	50.864	-1.7	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.925	-3.8	91	0.00
74 T	N-amyl acetate	50.000	47.666	4.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.401	1.2	94	0.00
76 T	1,2,3-Trichloropropane	50.000	52.017	-4.0	90	0.00
77 T	Bromobenzene	50.000	50.680	-1.4	94	0.00
78 T	n-propylbenzene	50.000	50.859	-1.7	89	0.00
79 T	2-Chlorotoluene	50.000	49.915	0.2	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.944	-3.9	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.033	1.9	93	0.00
82 T	4-Chlorotoluene	50.000	49.404	1.2	89	0.00
83 T	tert-Butylbenzene	50.000	52.158	-4.3	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.440	-2.9	90	0.00
85 T	sec-Butylbenzene	50.000	51.537	-3.1	91	0.00
86 T	p-Isopropyltoluene	50.000	51.576	-3.2	89	0.00
87 T	1,3-Dichlorobenzene	50.000	49.130	1.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	47.926	4.1	89	0.00
89 T	n-Butylbenzene	50.000	50.952	-1.9	88	0.00
90 T	Hexachloroethane	50.000	49.196	1.6	93	0.00
91 T	1,2-Dichlorobenzene	50.000	49.413	1.2	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.900	2.2	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.515	-1.0	93	0.00
94 T	Hexachlorobutadiene	50.000	52.987	-6.0	100	0.00
95 T	Naphthalene	50.000	49.015	2.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.274	-2.5	96	0.00

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