

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY121623\
 Data File : VY016663.D
 Acq On : 16 Dec 2023 10:12
 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: Dec 18 00:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	46.888	6.2	108	0.00
3 P	Chloromethane	50.000	45.972	8.1	102	0.00
4 C	Vinyl Chloride	50.000	47.797	4.4#	104	0.00
5 T	Bromomethane	50.000	44.554	10.9	102	0.00
6 T	Chloroethane	50.000	46.477	7.0	103	0.00
7 T	Trichlorofluoromethane	50.000	47.455	5.1	108	0.00
8 T	Diethyl Ether	50.000	48.591	2.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.681	4.6	108	-0.01
10 T	Methyl Iodide	50.000	49.610	0.8	109	0.00
11 T	Tert butyl alcohol	250.000	203.691	18.5	87	-0.02
12 CM	1,1-Dichloroethene	50.000	47.390	5.2#	106	0.00
13 T	Acrolein	250.000	216.329	13.5	91	-0.01
14 T	Allyl chloride	50.000	47.996	4.0	102	0.00
15 T	Acrylonitrile	250.000	236.365	5.5	94	0.00
16 T	Acetone	250.000	298.009	-19.2	122	0.00
17 T	Carbon Disulfide	50.000	48.783	2.4	107	0.00
18 T	Methyl Acetate	50.000	47.648	4.7	93	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.766	2.5	99	-0.01
20 T	Methylene Chloride	50.000	47.142	5.7	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	47.984	4.0	106	-0.01
22 T	Diisopropyl ether	50.000	49.253	1.5	101	0.00
23 T	Vinyl Acetate	250.000	245.501	1.8	98	0.00
24 P	1,1-Dichloroethane	50.000	47.671	4.7	105	0.00
25 T	2-Butanone	250.000	260.621	-4.2	107	-0.01
26 T	2,2-Dichloropropane	50.000	48.047	3.9	106	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.441	3.1	105	0.00
28 T	Bromochloromethane	50.000	51.354	-2.7	91	-0.01
29 T	Tetrahydrofuran	250.000	239.322	4.3	91	0.00
30 C	Chloroform	50.000	47.830	4.3#	104	0.00
31 T	Cyclohexane	50.000	46.288	7.4	106	0.00
32 T	1,1,1-Trichloroethane	50.000	48.153	3.7	108	-0.01
33 S	1,2-Dichloroethane-d4	50.000	47.600	4.8	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	49.434	1.1	87	0.00
36 T	1,1-Dichloropropene	50.000	49.292	1.4	108	0.00
37 T	Ethyl Acetate	50.000	47.365	5.3	93	0.00
38 T	Carbon Tetrachloride	50.000	48.999	2.0	107	0.00
39 T	Methylcyclohexane	50.000	49.794	0.4	107	0.00
40 TM	Benzene	50.000	48.314	3.4	104	-0.01
41 T	Methacrylonitrile	50.000	48.965	2.1	95	0.00
42 TM	1,2-Dichloroethane	50.000	48.678	2.6	101	0.00
43 T	Isopropyl Acetate	50.000	48.223	3.6	94	0.00
44 TM	Trichloroethene	50.000	47.619	4.8	105	0.00
45 C	1,2-Dichloropropane	50.000	49.293	1.4#	103	0.00
46 T	Dibromomethane	50.000	49.483	1.0	99	0.00
47 T	Bromodichloromethane	50.000	48.923	2.2	102	0.00
48 T	Methyl methacrylate	50.000	49.170	1.7	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	971.724	2.8	94	-0.02
50 S	Toluene-d8	50.000	48.208	3.6	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	244.565	2.2	93	0.00
52 CM	Toluene	50.000	49.115	1.8#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	48.893	2.2	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.026	1.9	102	0.00
55 T	1,1,2-Trichloroethane	50.000	48.235	3.5	100	0.00
56 T	Ethyl methacrylate	50.000	51.181	-2.4	97	0.00
57 T	1,3-Dichloropropane	50.000	48.676	2.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	206.444	17.4	75	0.00
59 T	2-Hexanone	250.000	240.856	3.7	104	0.00
60 T	Dibromochloromethane	50.000	48.904	2.2	101	0.00
61 T	1,2-Dibromoethane	50.000	48.237	3.5	98	0.00
62 S	4-Bromofluorobenzene	50.000	46.807	6.4	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	48.006	4.0	104	0.00
65 PM	Chlorobenzene	50.000	48.704	2.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.234	1.5	105	0.00
67 C	Ethyl Benzene	50.000	49.661	0.7#	106	0.00
68 T	m/p-Xylenes	100.000	99.269	0.7	104	0.00
69 T	o-Xylene	50.000	49.765	0.5	105	0.00
70 T	Styrene	50.000	50.566	-1.1	103	0.00
71 P	Bromoform	50.000	48.285	3.4	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	49.388	1.2	106	0.00
74 T	N-ethyl acetate	50.000	48.263	3.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.635	4.7	97	0.00
76 T	1,2,3-Trichloropropane	50.000	43.500	13.0	88	0.00
77 T	Bromobenzene	50.000	48.310	3.4	102	0.00
78 T	n-propylbenzene	50.000	49.475	1.0	106	0.00
79 T	2-Chlorotoluene	50.000	47.856	4.3	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.797	0.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.783	4.4	94	0.00
82 T	4-Chlorotoluene	50.000	49.061	1.9	105	0.00
83 T	tert-Butylbenzene	50.000	50.502	-1.0	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.889	0.2	105	0.00
85 T	sec-Butylbenzene	50.000	50.126	-0.3	106	0.00
86 T	p-Isopropyltoluene	50.000	51.074	-2.1	107	0.00
87 T	1,3-Dichlorobenzene	50.000	48.680	2.6	105	0.00
88 T	1,4-Dichlorobenzene	50.000	47.975	4.0	103	0.00
89 T	n-Butylbenzene	50.000	51.200	-2.4	107	0.00
90 T	Hexachloroethane	50.000	47.966	4.1	106	0.00
91 T	1,2-Dichlorobenzene	50.000	48.168	3.7	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.922	10.2	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.124	-0.2	102	0.00
94 T	Hexachlorobutadiene	50.000	47.345	5.3	105	0.00
95 T	Naphthalene	50.000	50.555	-1.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.081	1.8	97	0.00

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