

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019300.D
 Acq On : 27 Aug 2024 21:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 28 03:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	40.977	18.0	55	0.00
3 P	Chloromethane	50.000	41.180	17.6	59	0.00
4 C	Vinyl Chloride	50.000	40.883	18.2#	58	0.00
5 T	Bromomethane	50.000	57.566	-15.1	74	0.00
6 T	Chloroethane	50.000	46.877	6.2	66	0.00
7 T	Trichlorofluoromethane	50.000	41.181	17.6	58	0.00
8 T	Diethyl Ether	50.000	44.952	10.1	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.711	10.6	64	0.00
10 T	Methyl Iodide	50.000	48.292	3.4	60	0.00
11 T	Tert butyl alcohol	250.000	222.742	10.9	63	0.00
12 CM	1,1-Dichloroethene	50.000	47.057	5.9#	67	0.00
13 T	Acrolein	250.000	153.469	38.6#	44	0.00
14 T	Allyl chloride	50.000	45.908	8.2	64	0.00
15 T	Acrylonitrile	250.000	248.163	0.7	66	0.00
16 T	Acetone	250.000	227.714	8.9	60	0.00
17 T	Carbon Disulfide	50.000	44.391	11.2	62	0.00
18 T	Methyl Acetate	50.000	47.893	4.2	68	0.00
19 T	Methyl tert-butyl Ether	50.000	47.679	4.6	64	0.00
20 T	Methylene Chloride	50.000	48.240	3.5	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.509	3.0	67	0.00
22 T	Diisopropyl ether	50.000	46.517	7.0	64	0.00
23 T	Vinyl Acetate	250.000	233.636	6.5	63	0.00
24 P	1,1-Dichloroethane	50.000	47.816	4.4	68	0.00
25 T	2-Butanone	250.000	238.751	4.5	64	0.00
26 T	2,2-Dichloropropane	50.000	43.949	12.1	62	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.149	1.7	68	0.00
28 T	Bromochloromethane	50.000	50.285	-0.6	74	0.00
29 T	Tetrahydrofuran	250.000	236.566	5.4	65	0.00
30 C	Chloroform	50.000	48.486	3.0#	67	0.00
31 T	Cyclohexane	50.000	48.118	3.8	65	0.00
32 T	1,1,1-Trichloroethane	50.000	47.886	4.2	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.143	9.7	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	49.434	1.1	70	0.00
36 T	1,1-Dichloropropene	50.000	47.646	4.7	68	0.00
37 T	Ethyl Acetate	50.000	49.579	0.8	64	0.00
38 T	Carbon Tetrachloride	50.000	46.864	6.3	64	0.00
39 T	Methylcyclohexane	50.000	46.452	7.1	65	0.00
40 TM	Benzene	50.000	49.274	1.5	68	0.00
41 T	Methacrylonitrile	50.000	47.168	5.7	60	-0.02
42 TM	1,2-Dichloroethane	50.000	45.997	8.0	63	0.00
43 T	Isopropyl Acetate	50.000	47.554	4.9	64	0.00
44 TM	Trichloroethene	50.000	48.986	2.0	70	0.00
45 C	1,2-Dichloropropane	50.000	51.070	-2.1#	71	0.00
46 T	Dibromomethane	50.000	49.139	1.7	66	0.00
47 T	Bromodichloromethane	50.000	51.013	-2.0	70	0.00
48 T	Methyl methacrylate	50.000	48.783	2.4	65	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	1035.523	-3.6	71	0.01
50 S	Toluene-d8	50.000	47.718	4.6	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	243.541	2.6	63	0.00
52 CM	Toluene	50.000	49.338	1.3#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	49.906	0.2	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.288	-0.6	66	0.00
55 T	1,1,2-Trichloroethane	50.000	50.615	-1.2	70	0.00
56 T	Ethyl methacrylate	50.000	50.347	-0.7	66	0.00
57 T	1,3-Dichloropropane	50.000	50.027	-0.1	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.035	-0.8	70	0.00
59 T	2-Hexanone	250.000	242.718	2.9	63	0.00
60 T	Dibromochloromethane	50.000	50.387	-0.8	68	0.00
61 T	1,2-Dibromoethane	50.000	49.881	0.2	67	0.00
62 S	4-Bromofluorobenzene	50.000	48.946	2.1	68	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64 T	Tetrachloroethene	50.000	51.691	-3.4	75	0.00
65 PM	Chlorobenzene	50.000	48.833	2.3	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.522	-1.0	71	0.00
67 C	Ethyl Benzene	50.000	48.480	3.0#	68	0.00
68 T	m/p-Xylenes	100.000	98.366	1.6	68	0.00
69 T	o-Xylene	50.000	50.411	-0.8	68	0.00
70 T	Styrene	50.000	49.340	1.3	67	0.00
71 P	Bromoform	50.000	50.274	-0.5	67	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	49.816	0.4	69	0.00
74 T	N-amyl acetate	50.000	46.582	6.8	62	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.458	3.1	67	0.00
76 T	1,2,3-Trichloropropane	50.000	48.191	3.6	69	0.00
77 T	Bromobenzene	50.000	47.606	4.8	67	0.00
78 T	n-propylbenzene	50.000	49.456	1.1	68	0.00
79 T	2-Chlorotoluene	50.000	48.469	3.1	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.834	0.3	68	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.331	1.3	67	0.00
82 T	4-Chlorotoluene	50.000	48.807	2.4	68	0.00
83 T	tert-Butylbenzene	50.000	49.667	0.7	69	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.506	1.0	68	0.00
85 T	sec-Butylbenzene	50.000	50.395	-0.8	70	0.00
86 T	p-Isopropyltoluene	50.000	50.442	-0.9	69	0.00
87 T	1,3-Dichlorobenzene	50.000	50.333	-0.7	70	0.00
88 T	1,4-Dichlorobenzene	50.000	48.872	2.3	68	0.00
89 T	n-Butylbenzene	50.000	50.050	-0.1	67	0.00
90 T	Hexachloroethane	50.000	51.469	-2.9	70	0.00
91 T	1,2-Dichlorobenzene	50.000	50.627	-1.3	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.755	8.5	62	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.225	1.5	66	0.00
94 T	Hexachlorobutadiene	50.000	52.995	-6.0	69	0.00
95 T	Naphthalene	50.000	50.288	-0.6	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.820	0.4	64	0.00

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