

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018150.D
 Acq On : 03 May 2024 18:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 03:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	48.289	3.4	65	0.00
3 P	Chloromethane	50.000	61.703	-23.4	80	0.00
4 C	Vinyl Chloride	50.000	60.861	-21.7#	77	0.00
5 T	Bromomethane	50.000	71.025	-42.1#	91	0.00
6 T	Chloroethane	50.000	64.472	-28.9#	79	0.00
7 T	Trichlorofluoromethane	50.000	50.116	-0.2	63	0.00
8 T	Diethyl Ether	50.000	58.056	-16.1	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.248	-0.5	65	0.00
10 T	Methyl Iodide	50.000	53.977	-8.0	65	0.00
11 T	Tert butyl alcohol	250.000	287.402	-15.0	75	0.00
12 CM	1,1-Dichloroethene	50.000	53.576	-7.2#	68	-0.01
13 T	Acrolein	250.000	216.906	13.2	60	0.00
14 T	Allyl chloride	50.000	55.281	-10.6	70	-0.01
15 T	Acrylonitrile	250.000	312.217	-24.9	76	0.00
16 T	Acetone	250.000	236.420	5.4	54	0.00
17 T	Carbon Disulfide	50.000	54.218	-8.4	68	0.00
18 T	Methyl Acetate	50.000	60.529	-21.1	78	0.00
19 T	Methyl tert-butyl Ether	50.000	56.267	-12.5	69	-0.01
20 T	Methylene Chloride	50.000	54.255	-8.5	73	-0.01
21 T	trans-1,2-Dichloroethene	50.000	56.886	-13.8	71	-0.01
22 T	Diisopropyl ether	50.000	55.667	-11.3	71	0.00
23 T	Vinyl Acetate	250.000	274.532	-9.8	68	-0.01
24 P	1,1-Dichloroethane	50.000	56.554	-13.1	72	-0.01
25 T	2-Butanone	250.000	268.425	-7.4	62	0.00
26 T	2,2-Dichloropropane	50.000	47.867	4.3	61	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.112	-12.2	71	0.00
28 T	Bromochloromethane	50.000	56.714	-13.4	80	0.00
29 T	Tetrahydrofuran	250.000	290.468	-16.2	70	0.00
30 C	Chloroform	50.000	55.758	-11.5#	71	0.00
31 T	Cyclohexane	50.000	48.731	2.5	65	0.00
32 T	1,1,1-Trichloroethane	50.000	52.317	-4.6	66	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.322	-4.6	66	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	47.833	4.3	67	0.00
36 T	1,1-Dichloropropene	50.000	48.121	3.8	67	0.00
37 T	Ethyl Acetate	50.000	51.973	-3.9	69	0.00
38 T	Carbon Tetrachloride	50.000	45.612	8.8	64	0.00
39 T	Methylcyclohexane	50.000	44.715	10.6	63	0.00
40 TM	Benzene	50.000	51.353	-2.7	72	0.00
41 T	Methacrylonitrile	50.000	50.187	-0.4	76	-0.03
42 TM	1,2-Dichloroethane	50.000	49.511	1.0	68	0.00
43 T	Isopropyl Acetate	50.000	50.319	-0.6	68	0.00
44 TM	Trichloroethene	50.000	49.242	1.5	68	0.00
45 C	1,2-Dichloropropane	50.000	51.410	-2.8#	72	0.00
46 T	Dibromomethane	50.000	50.177	-0.4	70	0.00
47 T	Bromodichloromethane	50.000	49.620	0.8	68	0.00
48 T	Methyl methacrylate	50.000	50.694	-1.4	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1121.389	-12.1	74	0.00
50 S	Toluene-d8	50.000	47.221	5.6	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.170	-4.1	70	0.00
52 CM	Toluene	50.000	49.155	1.7#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	47.884	4.2	65	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.274	1.5	67	0.00
55 T	1,1,2-Trichloroethane	50.000	50.935	-1.9	69	0.00
56 T	Ethyl methacrylate	50.000	50.502	-1.0	69	0.00
57 T	1,3-Dichloropropane	50.000	51.423	-2.8	70	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.605	-1.0	71	0.00
59 T	2-Hexanone	250.000	246.831	1.3	63	0.00
60 T	Dibromochloromethane	50.000	48.692	2.6	66	0.00
61 T	1,2-Dibromoethane	50.000	49.644	0.7	66	0.00
62 S	4-Bromofluorobenzene	50.000	43.720	12.6	63	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	46.422	7.2	65	0.00
65 PM	Chlorobenzene	50.000	49.272	1.5	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.061	3.9	67	0.00
67 C	Ethyl Benzene	50.000	48.522	3.0#	68	0.00
68 T	m/p-Xylenes	100.000	95.379	4.6	67	0.00
69 T	o-Xylene	50.000	48.378	3.2	68	0.00
70 T	Styrene	50.000	48.701	2.6	67	0.00
71 P	Bromoform	50.000	45.734	8.5	61	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73 T	Isopropylbenzene	50.000	48.086	3.8	66	0.00
74 T	N-amyl acetate	50.000	49.595	0.8	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.564	-3.1	68	0.00
76 T	1,2,3-Trichloropropane	50.000	50.556	-1.1	68	0.00
77 T	Bromobenzene	50.000	49.056	1.9	65	0.00
78 T	n-propylbenzene	50.000	48.148	3.7	65	0.00
79 T	2-Chlorotoluene	50.000	47.618	4.8	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.859	6.3	64	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.000	6.0	61	0.00
82 T	4-Chlorotoluene	50.000	47.122	5.8	63	0.00
83 T	tert-Butylbenzene	50.000	46.978	6.0	63	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.560	4.9	64	0.00
85 T	sec-Butylbenzene	50.000	47.259	5.5	64	0.00
86 T	p-Isopropyltoluene	50.000	46.889	6.2	63	0.00
87 T	1,3-Dichlorobenzene	50.000	47.886	4.2	64	0.00
88 T	1,4-Dichlorobenzene	50.000	47.930	4.1	64	0.00
89 T	n-Butylbenzene	50.000	46.688	6.6	63	0.00
90 T	Hexachloroethane	50.000	46.871	6.3	64	0.00
91 T	1,2-Dichlorobenzene	50.000	49.201	1.6	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.852	2.3	64	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.691	2.6	63	0.00
94 T	Hexachlorobutadiene	50.000	45.324	9.4	62	0.00
95 T	Naphthalene	50.000	52.934	-5.9	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.872	0.3	64	0.00

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