

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014841.D
 Acq On : 26 Jul 2023 11:07
 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: Jul 26 13:43:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 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	59	0.00
2 T	Dichlorodifluoromethane	50.000	39.704	20.6	49	0.00
3 P	Chloromethane	50.000	54.107	-8.2	66	0.00
4 C	Vinyl Chloride	50.000	55.266	-10.5#	65	0.00
5 T	Bromomethane	50.000	50.247	-0.5	60	0.00
6 T	Chloroethane	50.000	58.720	-17.4	69	0.00
7 T	Trichlorofluoromethane	50.000	48.718	2.6	57	0.00
8 T	Diethyl Ether	50.000	51.534	-3.1	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.776	6.4	54	0.00
10 T	Methyl Iodide	50.000	49.968	0.1	61	0.00
11 T	Tert butyl alcohol	250.000	271.459	-8.6	68	0.02
12 CM	1,1-Dichloroethene	50.000	45.989	8.0#	53	0.00
13 T	Acrolein	250.000	218.443	12.6	57	0.00
14 T	Allyl chloride	50.000	44.242	11.5	52	0.00
15 T	Acrylonitrile	250.000	313.429	-25.4#	73	0.00
16 T	Acetone	250.000	329.080	-31.6#	73	0.01
17 T	Carbon Disulfide	50.000	41.388	17.2	50	0.00
18 T	Methyl Acetate	50.000	64.723	-29.4#	76	0.00
19 T	Methyl tert-butyl Ether	50.000	54.182	-8.4	63	0.00
20 T	Methylene Chloride	50.000	51.214	-2.4	59	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.735	4.5	56	0.00
22 T	Diisopropyl ether	50.000	49.308	1.4	57	0.00
23 T	Vinyl Acetate	250.000	265.776	-6.3	61	0.00
24 P	1,1-Dichloroethane	50.000	48.806	2.4	57	0.00
25 T	2-Butanone	250.000	322.703	-29.1#	75	0.00
26 T	2,2-Dichloropropane	50.000	47.435	5.1	55	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.226	-0.5	58	0.00
28 T	Bromochloromethane	50.000	51.498	-3.0	64	0.00
29 T	Tetrahydrofuran	250.000	320.811	-28.3#	77	0.00
30 C	Chloroform	50.000	50.691	-1.4#	59	0.00
31 T	Cyclohexane	50.000	40.693	18.6	50	0.00
32 T	1,1,1-Trichloroethane	50.000	48.362	3.3	57	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.335	7.3	56	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35 S	Dibromofluoromethane	50.000	43.363	13.3	53	0.00
36 T	1,1-Dichloropropene	50.000	46.288	7.4	55	0.00
37 T	Ethyl Acetate	50.000	60.059	-20.1	75	0.00
38 T	Carbon Tetrachloride	50.000	47.244	5.5	56	0.00
39 T	Methylcyclohexane	50.000	42.896	14.2	51	0.00
40 TM	Benzene	50.000	47.934	4.1	57	0.00
41 T	Methacrylonitrile	50.000	58.775	-17.5	73	0.00
42 TM	1,2-Dichloroethane	50.000	52.097	-4.2	62	0.00
43 T	Isopropyl Acetate	50.000	56.568	-13.1	68	0.00
44 TM	Trichloroethene	50.000	48.136	3.7	57	0.00
45 C	1,2-Dichloropropane	50.000	47.995	4.0#	57	0.00
46 T	Dibromomethane	50.000	53.501	-7.0	64	0.00
47 T	Bromodichloromethane	50.000	50.375	-0.8	60	0.00
48 T	Methyl methacrylate	50.000	56.482	-13.0	68	0.00

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

49 T	1,4-Dioxane	1000.000	1332.296	-33.2#	79	0.02
50 S	Toluene-d8	50.000	41.592	16.8	51	0.00
51 T	4-Methyl-2-Pentanone	250.000	315.082	-26.0#	75	0.00
52 CM	Toluene	50.000	48.142	3.7#	57	0.00
53 T	t-1,3-Dichloropropene	50.000	49.448	1.1	59	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.476	3.0	57	0.00
55 T	1,1,2-Trichloroethane	50.000	53.925	-7.8	64	0.00
56 T	Ethyl methacrylate	50.000	54.141	-8.3	63	0.00
57 T	1,3-Dichloropropane	50.000	52.464	-4.9	62	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.331	-8.5	66	0.00
59 T	2-Hexanone	250.000	322.438	-29.0#	76	0.00
60 T	Dibromochloromethane	50.000	52.917	-5.8	62	0.00
61 T	1,2-Dibromoethane	50.000	54.016	-8.0	64	0.00
62 S	4-Bromofluorobenzene	50.000	40.400	19.2	50	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64 T	Tetrachloroethene	50.000	50.246	-0.5	61	0.00
65 PM	Chlorobenzene	50.000	48.683	2.6	59	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.317	-0.6	60	0.00
67 C	Ethyl Benzene	50.000	47.600	4.8#	57	0.00
68 T	m/p-Xylenes	100.000	95.280	4.7	57	0.00
69 T	o-Xylene	50.000	48.743	2.5	59	0.00
70 T	Styrene	50.000	49.380	1.2	59	0.00
71 P	Bromoform	50.000	54.862	-9.7	65	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	65	0.00
73 T	Isopropylbenzene	50.000	45.514	9.0	57	0.00
74 T	N-amyl acetate	50.000	51.701	-3.4	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.229	-8.5	69	0.00
76 T	1,2,3-Trichloropropane	50.000	58.485	-17.0	74	0.00
77 T	Bromobenzene	50.000	48.869	2.3	61	0.00
78 T	n-propylbenzene	50.000	45.352	9.3	56	0.00
79 T	2-Chlorotoluene	50.000	45.015	10.0	56	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.869	8.3	57	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.028	-2.1	63	0.00
82 T	4-Chlorotoluene	50.000	45.506	9.0	57	0.00
83 T	tert-Butylbenzene	50.000	45.553	8.9	57	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.318	7.4	58	0.00
85 T	sec-Butylbenzene	50.000	45.699	8.6	57	0.00
86 T	p-Isopropyltoluene	50.000	46.870	6.3	58	0.00
87 T	1,3-Dichlorobenzene	50.000	48.534	2.9	60	0.00
88 T	1,4-Dichlorobenzene	50.000	48.767	2.5	61	0.00
89 T	n-Butylbenzene	50.000	45.279	9.4	56	0.00
90 T	Hexachloroethane	50.000	45.045	9.9	56	0.00
91 T	1,2-Dichlorobenzene	50.000	49.314	1.4	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.987	-16.0	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.750	0.5	60	0.00
94 T	Hexachlorobutadiene	50.000	46.355	7.3	56	0.00
95 T	Naphthalene	50.000	57.298	-14.6	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.604	-3.2	63	0.00

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