

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014711.D
 Acq On : 20 Jul 2023 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 14:08:34 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	72	0.00
2 T	Dichlorodifluoromethane	50.000	40.097	19.8	61	0.00
3 P	Chloromethane	50.000	48.414	3.2	71	0.00
4 C	Vinyl Chloride	50.000	49.734	0.5#	71	0.00
5 T	Bromomethane	50.000	53.935	-7.9	78	0.00
6 T	Chloroethane	50.000	52.909	-5.8	75	0.00
7 T	Trichlorofluoromethane	50.000	44.806	10.4	63	0.00
8 T	Diethyl Ether	50.000	46.284	7.4	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.131	11.7	62	0.00
10 T	Methyl Iodide	50.000	47.162	5.7	70	0.00
11 T	Tert butyl alcohol	250.000	193.055	22.8	61	0.00
12 CM	1,1-Dichloroethene	50.000	43.632	12.7#	61	0.00
13 T	Acrolein	250.000	203.559	18.6	64	0.00
14 T	Allyl chloride	50.000	42.215	15.6	60	0.00
15 T	Acrylonitrile	250.000	242.782	2.9	69	0.00
16 T	Acetone	250.000	250.034	-0.0	67	0.00
17 T	Carbon Disulfide	50.000	41.096	17.8	60	0.00
18 T	Methyl Acetate	50.000	47.584	4.8	67	0.00
19 T	Methyl tert-butyl Ether	50.000	47.347	5.3	67	0.00
20 T	Methylene Chloride	50.000	46.308	7.4	65	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.323	11.4	63	0.00
22 T	Diisopropyl ether	50.000	45.520	9.0	64	0.00
23 T	Vinyl Acetate	250.000	231.789	7.3	65	0.00
24 P	1,1-Dichloroethane	50.000	45.168	9.7	63	0.00
25 T	2-Butanone	250.000	238.850	4.5	67	0.00
26 T	2,2-Dichloropropane	50.000	44.702	10.6	63	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.324	7.4	65	0.00
28 T	Bromochloromethane	50.000	46.368	7.3	70	0.00
29 T	Tetrahydrofuran	250.000	235.722	5.7	68	0.00
30 C	Chloroform	50.000	46.519	7.0#	66	0.00
31 T	Cyclohexane	50.000	39.741	20.5	59	0.00
32 T	1,1,1-Trichloroethane	50.000	45.477	9.0	64	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.000	2.0	72	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	49.214	1.6	71	0.00
36 T	1,1-Dichloropropene	50.000	44.297	11.4	62	0.00
37 T	Ethyl Acetate	50.000	47.036	5.9	69	0.00
38 T	Carbon Tetrachloride	50.000	45.620	8.8	64	0.00
39 T	Methylcyclohexane	50.000	42.316	15.4	60	0.00
40 TM	Benzene	50.000	45.605	8.8	64	0.00
41 T	Methacrylonitrile	50.000	52.467	-4.9	77	0.01
42 TM	1,2-Dichloroethane	50.000	47.008	6.0	66	0.00
43 T	Isopropyl Acetate	50.000	46.219	7.6	66	0.00
44 TM	Trichloroethene	50.000	45.246	9.5	64	0.00
45 C	1,2-Dichloropropane	50.000	45.111	9.8#	63	0.00
46 T	Dibromomethane	50.000	47.659	4.7	67	0.00
47 T	Bromodichloromethane	50.000	46.678	6.6	65	0.00
48 T	Methyl methacrylate	50.000	45.646	8.7	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	984.136	1.6	69	0.00
50 S	Toluene-d8	50.000	47.458	5.1	69	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.660	4.1	68	0.00
52 CM	Toluene	50.000	45.549	8.9#	64	0.00
53 T	t-1,3-Dichloropropene	50.000	46.048	7.9	65	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.485	9.0	64	0.00
55 T	1,1,2-Trichloroethane	50.000	47.411	5.2	66	0.00
56 T	Ethyl methacrylate	50.000	47.059	5.9	65	0.00
57 T	1,3-Dichloropropane	50.000	46.527	6.9	65	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.258	3.5	69	0.00
59 T	2-Hexanone	250.000	240.928	3.6	68	0.00
60 T	Dibromochloromethane	50.000	48.017	4.0	67	0.00
61 T	1,2-Dibromoethane	50.000	46.950	6.1	66	0.00
62 S	4-Bromofluorobenzene	50.000	46.627	6.7	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	43.883	12.2	63	0.00
65 PM	Chlorobenzene	50.000	45.626	8.7	65	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.585	6.8	65	0.00
67 C	Ethyl Benzene	50.000	44.881	10.2#	63	0.00
68 T	m/p-Xylenes	100.000	90.131	9.9	64	0.00
69 T	o-Xylene	50.000	45.304	9.4	64	0.00
70 T	Styrene	50.000	45.608	8.8	64	0.00
71 P	Bromoform	50.000	48.064	3.9	67	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	43.256	13.5	64	0.00
74 T	N-ethyl acetate	50.000	43.855	12.3	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.560	8.9	68	0.00
76 T	1,2,3-Trichloropropane	50.000	48.692	2.6	72	0.00
77 T	Bromobenzene	50.000	45.115	9.8	65	0.00
78 T	n-propylbenzene	50.000	43.403	13.2	63	0.00
79 T	2-Chlorotoluene	50.000	43.173	13.7	63	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.713	12.6	63	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.019	12.0	64	0.00
82 T	4-Chlorotoluene	50.000	43.576	12.8	64	0.00
83 T	tert-Butylbenzene	50.000	43.437	13.1	63	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.096	11.8	64	0.00
85 T	sec-Butylbenzene	50.000	43.876	12.2	64	0.00
86 T	p-Isopropyltoluene	50.000	44.448	11.1	64	0.00
87 T	1,3-Dichlorobenzene	50.000	45.512	9.0	66	0.00
88 T	1,4-Dichlorobenzene	50.000	45.456	9.1	66	0.00
89 T	n-Butylbenzene	50.000	43.386	13.2	62	0.00
90 T	Hexachloroethane	50.000	43.735	12.5	63	0.00
91 T	1,2-Dichlorobenzene	50.000	45.637	8.7	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.457	13.1	65	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.755	8.5	64	0.00
94 T	Hexachlorobutadiene	50.000	44.460	11.1	63	0.00
95 T	Naphthalene	50.000	46.141	7.7	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.948	8.1	65	0.00

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