

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013889.D
 Acq On : 26 May 2023 11:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 26 16:48:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	47.940	4.1	84	0.00
3 P	Chloromethane	50.000	45.181	9.6	86	0.00
4 C	Vinyl Chloride	50.000	44.991	10.0#	83	0.00
5 T	Bromomethane	50.000	42.641	14.7	89	0.00
6 T	Chloroethane	50.000	43.555	12.9	86	0.00
7 T	Trichlorofluoromethane	50.000	43.769	12.5	83	0.00
8 T	Diethyl Ether	50.000	42.856	14.3	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.417	13.2	85	0.00
10 T	Methyl Iodide	50.000	43.830	12.3	77	-0.01
11 T	Tert butyl alcohol	250.000	217.681	12.9	85	-0.02
12 CM	1,1-Dichloroethene	50.000	43.510	13.0#	82	0.00
13 T	Acrolein	250.000	221.841	11.3	92	0.00
14 T	Allyl chloride	50.000	42.803	14.4	85	0.00
15 T	Acrylonitrile	250.000	212.679	14.9	82	-0.01
16 T	Acetone	250.000	209.345	16.3	82	0.00
17 T	Carbon Disulfide	50.000	44.349	11.3	81	0.00
18 T	Methyl Acetate	50.000	41.040	17.9	82	0.00
19 T	Methyl tert-butyl Ether	50.000	44.034	11.9	84	-0.01
20 T	Methylene Chloride	50.000	48.726	2.5	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	45.375	9.3	87	0.00
22 T	Diisopropyl ether	50.000	45.679	8.6	88	-0.01
23 T	Vinyl Acetate	250.000	224.467	10.2	83	-0.01
24 P	1,1-Dichloroethane	50.000	44.688	10.6	89	0.00
25 T	2-Butanone	250.000	201.897	19.2	78	0.00
26 T	2,2-Dichloropropane	50.000	43.465	13.1	86	-0.01
27 T	cis-1,2-Dichloroethene	50.000	43.472	13.1	84	0.00
28 T	Bromochloromethane	50.000	40.600	18.8	88	-0.01
29 T	Tetrahydrofuran	250.000	205.679	17.7	74	0.00
30 C	Chloroform	50.000	43.748	12.5#	87	-0.01
31 T	Cyclohexane	50.000	41.033	17.9	80	-0.01
32 T	1,1,1-Trichloroethane	50.000	44.029	11.9	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.470	7.1	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	47.701	4.6	98	0.00
36 T	1,1-Dichloropropene	50.000	44.008	12.0	84	0.00
37 T	Ethyl Acetate	50.000	41.241	17.5	76	0.00
38 T	Carbon Tetrachloride	50.000	44.688	10.6	87	0.00
39 T	Methylcyclohexane	50.000	43.540	12.9	80	0.00
40 TM	Benzene	50.000	43.275	13.5	84	0.00
41 T	Methacrylonitrile	50.000	37.224	25.6#	80	0.00
42 TM	1,2-Dichloroethane	50.000	42.892	14.2	83	-0.01
43 T	Isopropyl Acetate	50.000	40.566	18.9	77	0.00
44 TM	Trichloroethene	50.000	42.847	14.3	84	0.00
45 C	1,2-Dichloropropane	50.000	43.017	14.0#	85	0.00
46 T	Dibromomethane	50.000	43.438	13.1	84	0.00
47 T	Bromodichloromethane	50.000	43.766	12.5	87	0.00
48 T	Methyl methacrylate	50.000	42.096	15.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	828.989	17.1	76	0.00
50 S	Toluene-d8	50.000	46.302	7.4	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	205.689	17.7	75	0.00
52 CM	Toluene	50.000	44.177	11.6#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	43.691	12.6	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.209	13.6	83	0.00
55 T	1,1,2-Trichloroethane	50.000	43.206	13.6	83	0.00
56 T	Ethyl methacrylate	50.000	42.720	14.6	78	0.00
57 T	1,3-Dichloropropane	50.000	42.798	14.4	82	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	187.155	25.1#	83	0.00
59 T	2-Hexanone	250.000	207.145	17.1	75	0.00
60 T	Dibromochloromethane	50.000	43.093	13.8	83	0.00
61 T	1,2-Dibromoethane	50.000	43.097	13.8	82	0.00
62 S	4-Bromofluorobenzene	50.000	47.984	4.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	43.696	12.6	84	0.00
65 PM	Chlorobenzene	50.000	43.275	13.5	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	43.939	12.1	86	0.00
67 C	Ethyl Benzene	50.000	45.114	9.8#	86	0.00
68 T	m/p-Xylenes	100.000	89.318	10.7	85	0.00
69 T	o-Xylene	50.000	44.665	10.7	85	0.00
70 T	Styrene	50.000	44.157	11.7	84	0.00
71 P	Bromoform	50.000	42.437	15.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	43.778	12.4	85	0.00
74 T	N-ethyl acetate	50.000	40.240	19.5	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	40.969	18.1	79	0.00
76 T	1,2,3-Trichloropropane	50.000	35.897	28.2#	83	0.00
77 T	Bromobenzene	50.000	42.792	14.4	84	0.00
78 T	n-propylbenzene	50.000	43.733	12.5	85	0.00
79 T	2-Chlorotoluene	50.000	42.907	14.2	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.759	10.5	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.995	16.0	78	0.00
82 T	4-Chlorotoluene	50.000	42.908	14.2	86	0.00
83 T	tert-Butylbenzene	50.000	43.300	13.4	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.805	10.4	86	0.00
85 T	sec-Butylbenzene	50.000	43.968	12.1	85	0.00
86 T	p-Isopropyltoluene	50.000	44.372	11.3	86	0.00
87 T	1,3-Dichlorobenzene	50.000	43.166	13.7	86	0.00
88 T	1,4-Dichlorobenzene	50.000	42.522	15.0	85	0.00
89 T	n-Butylbenzene	50.000	43.491	13.0	85	0.00
90 T	Hexachloroethane	50.000	42.349	15.3	86	0.00
91 T	1,2-Dichlorobenzene	50.000	43.040	13.9	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.673	20.7	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.663	14.7	84	0.00
94 T	Hexachlorobutadiene	50.000	42.189	15.6	85	0.00
95 T	Naphthalene	50.000	37.733	24.5	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.495	17.0	81	0.00

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