

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016139.D
 Acq On : 30 Oct 2023 18:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 31 11:53:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	44.088	11.8	81	0.00
3 P	Chloromethane	50.000	54.814	-9.6	100	0.00
4 C	Vinyl Chloride	50.000	45.732	8.5#	84	0.00
5 T	Bromomethane	50.000	34.493	31.0#	65	0.00
6 T	Chloroethane	50.000	46.838	6.3	86	0.00
7 T	Trichlorofluoromethane	50.000	42.188	15.6	79	0.00
8 T	Diethyl Ether	50.000	40.448	19.1	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.700	14.6	81	0.00
10 T	Methyl Iodide	50.000	35.861	28.3#	64	0.00
11 T	Tert butyl alcohol	250.000	115.232	53.9#	58	0.00
12 CM	1,1-Dichloroethene	50.000	42.344	15.3#	78	0.01
13 T	Acrolein	250.000	105.451	57.8#	42	0.00
14 T	Allyl chloride	50.000	38.905	22.2	71	0.01
15 T	Acrylonitrile	250.000	166.304	33.5#	61	0.01
16 T	Acetone	250.000	128.171	48.7#	48	0.00
17 T	Carbon Disulfide	50.000	40.363	19.3	75	0.00
18 T	Methyl Acetate	50.000	33.975	32.0#	61	0.00
19 T	Methyl tert-butyl Ether	50.000	42.398	15.2	77	0.00
20 T	Methylene Chloride	50.000	46.019	8.0	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.588	12.8	80	0.00
22 T	Diisopropyl ether	50.000	44.015	12.0	79	0.00
23 T	Vinyl Acetate	250.000	196.595	21.4	70	0.01
24 P	1,1-Dichloroethane	50.000	43.179	13.6	79	0.00
25 T	2-Butanone	250.000	149.028	40.4#	56	0.01
26 T	2,2-Dichloropropane	50.000	43.407	13.2	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.596	12.8	81	0.01
28 T	Bromochloromethane	50.000	35.107	29.8#	63	0.01
29 T	Tetrahydrofuran	250.000	169.248	32.3#	61	0.01
30 C	Chloroform	50.000	44.984	10.0#	83	0.00
31 T	Cyclohexane	50.000	39.893	20.2	77	0.00
32 T	1,1,1-Trichloroethane	50.000	45.661	8.7	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.865	10.3	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	45.365	9.3	83	0.01
36 T	1,1-Dichloropropene	50.000	44.061	11.9	81	0.00
37 T	Ethyl Acetate	50.000	36.137	27.7#	65	0.01
38 T	Carbon Tetrachloride	50.000	40.618	18.8	74	0.01
39 T	Methylcyclohexane	50.000	43.736	12.5	80	0.00
40 TM	Benzene	50.000	45.515	9.0	82	0.00
41 T	Methacrylonitrile	50.000	32.556	34.9#	59	0.00
42 TM	1,2-Dichloroethane	50.000	43.919	12.2	79	0.01
43 T	Isopropyl Acetate	50.000	38.351	23.3	69	0.01
44 TM	Trichloroethene	50.000	46.532	6.9	85	0.00
45 C	1,2-Dichloropropane	50.000	43.816	12.4#	78	0.00
46 T	Dibromomethane	50.000	41.493	17.0	75	0.00
47 T	Bromodichloromethane	50.000	44.674	10.7	80	0.00
48 T	Methyl methacrylate	50.000	39.383	21.2	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	756.331	24.4	68	0.01
50 S	Toluene-d8	50.000	47.521	5.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	185.625	25.8#	65	0.00
52 CM	Toluene	50.000	46.269	7.5#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	42.789	14.4	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	43.969	12.1	78	0.00
55 T	1,1,2-Trichloroethane	50.000	40.516	19.0	74	0.01
56 T	Ethyl methacrylate	50.000	40.855	18.3	71	0.00
57 T	1,3-Dichloropropane	50.000	40.869	18.3	73	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	200.790	19.7	72	0.00
59 T	2-Hexanone	250.000	174.177	30.3#	62	0.00
60 T	Dibromochloromethane	50.000	42.467	15.1	76	0.00
61 T	1,2-Dibromoethane	50.000	40.109	19.8	72	0.00
62 S	4-Bromofluorobenzene	50.000	46.191	7.6	84	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	56.873	-13.7	103	0.00
65 PM	Chlorobenzene	50.000	46.199	7.6	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.543	6.9	81	0.01
67 C	Ethyl Benzene	50.000	46.866	6.3#	83	0.00
68 T	m/p-Xylenes	100.000	94.469	5.5	83	0.00
69 T	o-Xylene	50.000	47.262	5.5	82	0.01
70 T	Styrene	50.000	47.280	5.4	82	0.00
71 P	Bromoform	50.000	40.412	19.2	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.01
73 T	Isopropylbenzene	50.000	49.030	1.9	83	0.00
74 T	N-amyl acetate	50.000	41.862	16.3	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	38.041	23.9	65	0.00
76 T	1,2,3-Trichloropropane	50.000	70.163	-40.3#	123	0.01
77 T	Bromobenzene	50.000	47.467	5.1	80	0.01
78 T	n-propylbenzene	50.000	48.035	3.9	81	0.00
79 T	2-Chlorotoluene	50.000	47.187	5.6	81	0.01
80 T	1,3,5-Trimethylbenzene	50.000	47.954	4.1	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	38.763	22.5	66	0.00
82 T	4-Chlorotoluene	50.000	47.388	5.2	81	0.00
83 T	tert-Butylbenzene	50.000	48.304	3.4	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.592	4.8	80	0.00
85 T	sec-Butylbenzene	50.000	47.422	5.2	80	0.00
86 T	p-Isopropyltoluene	50.000	47.130	5.7	79	0.00
87 T	1,3-Dichlorobenzene	50.000	45.876	8.2	78	0.01
88 T	1,4-Dichlorobenzene	50.000	46.018	8.0	79	0.00
89 T	n-Butylbenzene	50.000	46.608	6.8	79	0.00
90 T	Hexachloroethane	50.000	41.329	17.3	70	0.00
91 T	1,2-Dichlorobenzene	50.000	45.050	9.9	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.272	21.5	67	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.185	9.6	76	0.00
94 T	Hexachlorobutadiene	50.000	43.283	13.4	74	0.00
95 T	Naphthalene	50.000	43.542	12.9	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.191	11.6	74	0.00

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