

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY122322\
 Data File : VY012008.D
 Acq On : 23 Dec 2022 19:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 23 22:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 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	70	0.00
2 T	Dichlorodifluoromethane	50.000	57.004	-14.0	72	0.00
3 P	Chloromethane	50.000	42.038	15.9	55	0.00
4 C	Vinyl Chloride	50.000	48.558	2.9#	63	0.00
5 T	Bromomethane	50.000	36.919	26.2#	51	0.00
6 T	Chloroethane	50.000	43.597	12.8	58	0.00
7 T	Trichlorofluoromethane	50.000	55.065	-10.1	73	0.00
8 T	Diethyl Ether	50.000	30.487	39.0#	41	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.049	-10.1	74	0.00
10 T	Methyl Iodide	50.000	50.323	-0.6	63	0.00
11 T	Tert butyl alcohol	250.000	98.808	60.5#	33	0.00
12 CM	1,1-Dichloroethene	50.000	49.116	1.8#	65	0.00
13 T	Acrolein	250.000	111.432	55.4#	34	0.00
14 T	Allyl chloride	50.000	38.726	22.5	51	0.00
15 T	Acrylonitrile	250.000	138.542	44.6#	36	0.00
16 T	Acetone	250.000	101.291	59.5#	25	0.00
17 T	Carbon Disulfide	50.000	45.699	8.6	60	0.00
18 T	Methyl Acetate	50.000	28.695	42.6#	39	0.00
19 T	Methyl tert-butyl Ether	50.000	31.905	36.2#	42	0.00
20 T	Methylene Chloride	50.000	34.140	31.7#	48	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.658	12.7	58	0.00
22 T	Diisopropyl ether	50.000	35.406	29.2#	46	0.00
23 T	Vinyl Acetate	250.000	150.629	39.7#	38	0.00
24 P	1,1-Dichloroethane	50.000	40.270	19.5	55	0.00
25 T	2-Butanone	250.000	121.826	51.3#	30	0.00
26 T	2,2-Dichloropropane	50.000	42.289	15.4	58	0.00
27 T	cis-1,2-Dichloroethene	50.000	38.912	22.2	52	0.00
28 T	Bromochloromethane	50.000	33.385	33.2#	48	0.00
29 T	Tetrahydrofuran	250.000	139.673	44.1#	35	0.00
30 C	Chloroform	50.000	39.461	21.1#	53	0.00
31 T	Cyclohexane	50.000	49.547	0.9	68	0.00
32 T	1,1,1-Trichloroethane	50.000	47.206	5.6	64	0.00
33 S	1,2-Dichloroethane-d4	50.000	35.296	29.4#	49	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	63	0.00
35 S	Dibromofluoromethane	50.000	46.170	7.7	56	0.00
36 T	1,1-Dichloropropene	50.000	52.819	-5.6	63	0.00
37 T	Ethyl Acetate	50.000	31.645	36.7#	38	0.00
38 T	Carbon Tetrachloride	50.000	56.465	-12.9	68	0.00
39 T	Methylcyclohexane	50.000	60.990	-22.0	71	0.00
40 TM	Benzene	50.000	45.376	9.2	55	0.00
41 T	Methacrylonitrile	50.000	33.159	33.7#	37	0.00
42 TM	1,2-Dichloroethane	50.000	37.509	25.0	45	0.00
43 T	Isopropyl Acetate	50.000	32.577	34.8#	38	0.00
44 TM	Trichloroethene	50.000	48.134	3.7	59	0.00
45 C	1,2-Dichloropropane	50.000	40.774	18.5#	50	0.00
46 T	Dibromomethane	50.000	36.512	27.0#	44	0.00
47 T	Bromodichloromethane	50.000	39.933	20.1	48	0.00
48 T	Methyl methacrylate	50.000	34.053	31.9#	40	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	707.734	29.2#	40	0.00
50 S	Toluene-d8	50.000	49.493	1.0	60	0.00
51 T	4-Methyl-2-Pentanone	250.000	166.136	33.5#	38	0.00
52 CM	Toluene	50.000	46.256	7.5#	55	0.00
53 T	t-1,3-Dichloropropene	50.000	36.439	27.1#	43	0.00
54 T	cis-1,3-Dichloropropene	50.000	38.234	23.5	45	0.00
55 T	1,1,2-Trichloroethane	50.000	35.704	28.6#	44	0.00
56 T	Ethyl methacrylate	50.000	34.674	30.7#	39	0.00
57 T	1,3-Dichloropropane	50.000	36.268	27.5#	43	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	166.927	33.2#	42	0.00
59 T	2-Hexanone	250.000	156.073	37.6#	34	0.00
60 T	Dibromochloromethane	50.000	37.902	24.2	44	0.00
61 T	1,2-Dibromoethane	50.000	34.558	30.9#	41	0.00
62 S	4-Bromofluorobenzene	50.000	42.023	16.0	51	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	57	0.00
64 T	Tetrachloroethene	50.000	53.372	-6.7	58	0.00
65 PM	Chlorobenzene	50.000	45.936	8.1	50	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.388	9.2	49	0.00
67 C	Ethyl Benzene	50.000	50.207	-0.4#	54	0.00
68 T	m/p-Xylenes	100.000	99.098	0.9	53	0.00
69 T	o-Xylene	50.000	47.397	5.2	50	0.00
70 T	Styrene	50.000	45.422	9.2	48	0.00
71 P	Bromoform	50.000	38.683	22.6	42	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	52	0.00
73 T	Isopropylbenzene	50.000	56.382	-12.8	55	0.00
74 T	N-amyl acetate	50.000	37.309	25.4#	36	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.503	17.0	42	0.00
76 T	1,2,3-Trichloropropane	50.000	33.523	33.0#	33	0.00
77 T	Bromobenzene	50.000	45.795	8.4	46	0.00
78 T	n-propylbenzene	50.000	53.949	-7.9	53	0.00
79 T	2-Chlorotoluene	50.000	49.654	0.7	49	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.451	-6.9	52	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	38.434	23.1	38	0.00
82 T	4-Chlorotoluene	50.000	47.640	4.7	47	0.00
83 T	tert-Butylbenzene	50.000	57.788	-15.6	56	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.057	-2.1	50	0.00
85 T	sec-Butylbenzene	50.000	56.317	-12.6	55	0.00
86 T	p-Isopropyltoluene	50.000	53.486	-7.0	52	0.00
87 T	1,3-Dichlorobenzene	50.000	45.598	8.8	46	0.00
88 T	1,4-Dichlorobenzene	50.000	43.230	13.5	44	0.00
89 T	n-Butylbenzene	50.000	50.257	-0.5	49	0.00
90 T	Hexachloroethane	50.000	50.866	-1.7	51	0.00
91 T	1,2-Dichlorobenzene	50.000	43.283	13.4	43	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	38.231	23.5	37	0.00
93 T	1,2,4-Trichlorobenzene	50.000	35.592	28.8#	34	0.00
94 T	Hexachlorobutadiene	50.000	45.773	8.5	46	0.00
95 T	Naphthalene	50.000	30.360	39.3#	30	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	33.775	32.5#	32	0.00

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