

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011963.D
 Acq On : 22 Dec 2022 10:08
 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: Dec 23 04:30:28 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	45.343	9.3	76	0.00
3 P	Chloromethane	50.000	44.747	10.5	79	0.00
4 C	Vinyl Chloride	50.000	43.589	12.8#	76	0.00
5 T	Bromomethane	50.000	42.537	14.9	78	0.00
6 T	Chloroethane	50.000	42.707	14.6	76	0.00
7 T	Trichlorofluoromethane	50.000	43.972	12.1	79	0.00
8 T	Diethyl Ether	50.000	43.434	13.1	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.203	11.6	80	0.00
10 T	Methyl Iodide	50.000	42.821	14.4	72	0.00
11 T	Tert butyl alcohol	250.000	219.996	12.0	84	0.00
12 CM	1,1-Dichloroethene	50.000	43.501	13.0#	78	0.00
13 T	Acrolein	250.000	226.290	9.5	92	0.00
14 T	Allyl chloride	50.000	43.469	13.1	77	0.00
15 T	Acrylonitrile	250.000	225.628	9.7	80	0.00
16 T	Acetone	250.000	231.914	7.2	80	0.00
17 T	Carbon Disulfide	50.000	43.132	13.7	77	0.00
18 T	Methyl Acetate	50.000	43.692	12.6	80	0.00
19 T	Methyl tert-butyl Ether	50.000	45.196	9.6	79	0.00
20 T	Methylene Chloride	50.000	40.590	18.8	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	43.586	12.8	77	0.00
22 T	Diisopropyl ether	50.000	44.935	10.1	79	0.00
23 T	Vinyl Acetate	250.000	231.603	7.4	79	0.00
24 P	1,1-Dichloroethane	50.000	43.322	13.4	79	0.00
25 T	2-Butanone	250.000	238.552	4.6	80	0.00
26 T	2,2-Dichloropropane	50.000	42.714	14.6	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.264	11.5	79	0.00
28 T	Bromochloromethane	50.000	49.696	0.6	96	0.00
29 T	Tetrahydrofuran	250.000	231.494	7.4	79	0.00
30 C	Chloroform	50.000	43.547	12.9#	79	0.00
31 T	Cyclohexane	50.000	41.349	17.3	76	0.00
32 T	1,1,1-Trichloroethane	50.000	43.823	12.4	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.924	2.2	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	50.932	-1.9	90	0.00
36 T	1,1-Dichloropropene	50.000	44.950	10.1	78	0.00
37 T	Ethyl Acetate	50.000	45.508	9.0	80	0.00
38 T	Carbon Tetrachloride	50.000	45.189	9.6	79	0.00
39 T	Methylcyclohexane	50.000	45.180	9.6	77	0.00
40 TM	Benzene	50.000	44.595	10.8	78	0.00
41 T	Methacrylonitrile	50.000	48.218	3.6	78	0.00
42 TM	1,2-Dichloroethane	50.000	45.422	9.2	80	0.00
43 T	Isopropyl Acetate	50.000	46.033	7.9	79	0.00
44 TM	Trichloroethene	50.000	44.468	11.1	79	0.00
45 C	1,2-Dichloropropane	50.000	44.577	10.8#	79	0.00
46 T	Dibromomethane	50.000	45.779	8.4	80	0.00
47 T	Bromodichloromethane	50.000	45.227	9.5	79	0.00
48 T	Methyl methacrylate	50.000	47.600	4.8	81	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	1017.990	-1.8	83	0.00
50 S	Toluene-d8	50.000	51.000	-2.0	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.944	3.6	80	0.00
52 CM	Toluene	50.000	44.991	10.0#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	45.316	9.4	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.733	8.5	79	0.00
55 T	1,1,2-Trichloroethane	50.000	44.964	10.1	80	0.00
56 T	Ethyl methacrylate	50.000	47.909	4.2	80	0.00
57 T	1,3-Dichloropropane	50.000	46.013	8.0	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.560	-5.8	96	0.00
59 T	2-Hexanone	250.000	251.657	-0.7	80	0.00
60 T	Dibromochloromethane	50.000	46.187	7.6	79	0.00
61 T	1,2-Dibromoethane	50.000	45.280	9.4	79	0.00
62 S	4-Bromofluorobenzene	50.000	51.145	-2.3	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	44.842	10.3	79	0.00
65 PM	Chlorobenzene	50.000	43.993	12.0	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	45.052	9.9	80	0.00
67 C	Ethyl Benzene	50.000	44.943	10.1#	78	0.00
68 T	m/p-Xylenes	100.000	90.412	9.6	78	0.00
69 T	o-Xylene	50.000	45.006	10.0	78	0.00
70 T	Styrene	50.000	45.566	8.9	78	0.00
71 P	Bromoform	50.000	46.318	7.4	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	44.956	10.1	78	0.00
74 T	N-ethyl acetate	50.000	46.462	7.1	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.964	10.1	80	0.00
76 T	1,2,3-Trichloropropane	50.000	31.207	37.6#	55	0.00
77 T	Bromobenzene	50.000	44.920	10.2	80	0.00
78 T	n-propylbenzene	50.000	44.888	10.2	78	0.00
79 T	2-Chlorotoluene	50.000	44.562	10.9	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.346	9.3	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.184	7.6	80	0.00
82 T	4-Chlorotoluene	50.000	44.235	11.5	77	0.00
83 T	tert-Butylbenzene	50.000	46.762	6.5	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.222	9.6	78	0.00
85 T	sec-Butylbenzene	50.000	45.026	9.9	78	0.00
86 T	p-Isopropyltoluene	50.000	45.349	9.3	78	0.00
87 T	1,3-Dichlorobenzene	50.000	44.176	11.6	79	0.00
88 T	1,4-Dichlorobenzene	50.000	43.856	12.3	79	0.00
89 T	n-Butylbenzene	50.000	45.085	9.8	78	0.00
90 T	Hexachloroethane	50.000	43.780	12.4	78	0.00
91 T	1,2-Dichlorobenzene	50.000	44.978	10.0	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.693	8.6	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.591	8.8	77	0.00
94 T	Hexachlorobutadiene	50.000	44.242	11.5	78	0.00
95 T	Naphthalene	50.000	43.168	13.7	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.847	6.3	78	0.00

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