

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011987.D
 Acq On : 23 Dec 2022 10:37
 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 22:23:06 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	47.036	5.9	78	0.00
3 P	Chloromethane	50.000	43.098	13.8	75	0.00
4 C	Vinyl Chloride	50.000	44.321	11.4#	76	0.00
5 T	Bromomethane	50.000	43.091	13.8	79	0.00
6 T	Chloroethane	50.000	43.075	13.8	76	0.00
7 T	Trichlorofluoromethane	50.000	45.910	8.2	81	0.00
8 T	Diethyl Ether	50.000	45.118	9.8	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.036	7.9	82	0.00
10 T	Methyl Iodide	50.000	43.119	13.8	72	0.00
11 T	Tert butyl alcohol	250.000	185.056	26.0#	72	0.00
12 CM	1,1-Dichloroethene	50.000	44.911	10.2#	79	0.00
13 T	Acrolein	250.000	213.011	14.8	86	0.00
14 T	Allyl chloride	50.000	43.608	12.8	77	0.00
15 T	Acrylonitrile	250.000	238.452	4.6	83	0.00
16 T	Acetone	250.000	231.760	7.3	79	0.00
17 T	Carbon Disulfide	50.000	43.284	13.4	76	0.00
18 T	Methyl Acetate	50.000	45.588	8.8	83	0.00
19 T	Methyl tert-butyl Ether	50.000	47.675	4.7	83	0.00
20 T	Methylene Chloride	50.000	43.688	12.6	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.860	10.3	79	0.00
22 T	Diisopropyl ether	50.000	45.973	8.1	80	0.00
23 T	Vinyl Acetate	250.000	242.055	3.2	81	0.00
24 P	1,1-Dichloroethane	50.000	44.811	10.4	81	0.00
25 T	2-Butanone	250.000	240.651	3.7	79	0.00
26 T	2,2-Dichloropropane	50.000	43.723	12.6	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.573	10.9	79	0.00
28 T	Bromochloromethane	50.000	47.087	5.8	90	0.00
29 T	Tetrahydrofuran	250.000	244.699	2.1	82	0.00
30 C	Chloroform	50.000	45.182	9.6#	81	0.00
31 T	Cyclohexane	50.000	42.493	15.0	78	0.00
32 T	1,1,1-Trichloroethane	50.000	45.299	9.4	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.215	5.6	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	47.999	4.0	85	0.00
36 T	1,1-Dichloropropene	50.000	45.739	8.5	80	0.00
37 T	Ethyl Acetate	50.000	48.295	3.4	85	0.00
38 T	Carbon Tetrachloride	50.000	46.615	6.8	82	0.00
39 T	Methylcyclohexane	50.000	46.672	6.7	79	0.00
40 TM	Benzene	50.000	45.109	9.8	79	0.00
41 T	Methacrylonitrile	50.000	53.764	-7.5	87	0.00
42 TM	1,2-Dichloroethane	50.000	47.382	5.2	84	0.00
43 T	Isopropyl Acetate	50.000	48.263	3.5	82	0.00
44 TM	Trichloroethene	50.000	45.066	9.9	80	0.00
45 C	1,2-Dichloropropane	50.000	45.996	8.0#	82	0.00
46 T	Dibromomethane	50.000	47.113	5.8	82	0.00
47 T	Bromodichloromethane	50.000	46.618	6.8	81	0.00
48 T	Methyl methacrylate	50.000	49.698	0.6	85	0.00

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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)

49 T	1,4-Dioxane	1000.000	1039.714	-4.0	85	0.00
50 S	Toluene-d8	50.000	47.564	4.9	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.476	-0.2	84	0.00
52 CM	Toluene	50.000	46.224	7.6#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	47.127	5.7	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.949	6.1	81	0.00
55 T	1,1,2-Trichloroethane	50.000	47.641	4.7	85	0.00
56 T	Ethyl methacrylate	50.000	49.822	0.4	83	0.00
57 T	1,3-Dichloropropane	50.000	48.244	3.5	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	236.450	5.4	86	0.00
59 T	2-Hexanone	250.000	259.979	-4.0	83	0.00
60 T	Dibromochloromethane	50.000	48.464	3.1	83	0.00
61 T	1,2-Dibromoethane	50.000	47.574	4.9	82	0.00
62 S	4-Bromofluorobenzene	50.000	48.603	2.8	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	46.534	6.9	82	0.00
65 PM	Chlorobenzene	50.000	45.296	9.4	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.620	6.8	82	0.00
67 C	Ethyl Benzene	50.000	46.134	7.7#	80	0.00
68 T	m/p-Xylenes	100.000	92.874	7.1	80	0.00
69 T	o-Xylene	50.000	46.809	6.4	81	0.00
70 T	Styrene	50.000	47.057	5.9	80	0.00
71 P	Bromoform	50.000	48.859	2.3	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	46.458	7.1	81	0.00
74 T	N-amyl acetate	50.000	49.050	1.9	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.493	5.0	85	0.00
76 T	1,2,3-Trichloropropane	50.000	33.909	32.2#	60	0.00
77 T	Bromobenzene	50.000	46.401	7.2	83	0.00
78 T	n-propylbenzene	50.000	45.981	8.0	80	0.00
79 T	2-Chlorotoluene	50.000	45.388	9.2	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.792	6.4	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.594	2.8	85	0.00
82 T	4-Chlorotoluene	50.000	45.579	8.8	80	0.00
83 T	tert-Butylbenzene	50.000	48.191	3.6	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.357	7.3	80	0.00
85 T	sec-Butylbenzene	50.000	46.388	7.2	81	0.00
86 T	p-Isopropyltoluene	50.000	46.975	6.0	81	0.00
87 T	1,3-Dichlorobenzene	50.000	45.916	8.2	82	0.00
88 T	1,4-Dichlorobenzene	50.000	45.427	9.1	82	0.00
89 T	n-Butylbenzene	50.000	46.303	7.4	80	0.00
90 T	Hexachloroethane	50.000	45.909	8.2	82	0.00
91 T	1,2-Dichlorobenzene	50.000	46.156	7.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.529	-1.1	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.875	4.3	81	0.00
94 T	Hexachlorobutadiene	50.000	46.476	7.0	82	0.00
95 T	Naphthalene	50.000	46.192	7.6	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.215	1.6	82	0.00

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