

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012150.D
 Acq On : 11 Jan 2023 09:25
 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: Jan 11 11:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	46.284	7.4	85	0.00
3 P	Chloromethane	50.000	46.143	7.7	87	0.00
4 C	Vinyl Chloride	50.000	42.208	15.6#	86	0.00
5 T	Bromomethane	50.000	49.417	1.2	91	0.00
6 T	Chloroethane	50.000	44.373	11.3	90	0.00
7 T	Trichlorofluoromethane	50.000	45.886	8.2	90	0.00
8 T	Diethyl Ether	50.000	43.480	13.0	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.521	7.0	89	0.00
10 T	Methyl Iodide	50.000	44.171	11.7	84	0.00
11 T	Tert butyl alcohol	250.000	193.070	22.8	78	0.00
12 CM	1,1-Dichloroethene	50.000	44.156	11.7#	87	0.00
13 T	Acrolein	250.000	173.973	30.4#	74	0.00
14 T	Allyl chloride	50.000	41.500	17.0	80	0.00
15 T	Acrylonitrile	250.000	226.855	9.3	87	0.00
16 T	Acetone	250.000	240.810	3.7	94	0.00
17 T	Carbon Disulfide	50.000	44.288	11.4	85	0.00
18 T	Methyl Acetate	50.000	43.392	13.2	88	0.00
19 T	Methyl tert-butyl Ether	50.000	46.278	7.4	86	0.00
20 T	Methylene Chloride	50.000	46.902	6.2	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.227	7.5	90	0.00
22 T	Diisopropyl ether	50.000	47.374	5.3	88	0.00
23 T	Vinyl Acetate	250.000	228.265	8.7	84	0.00
24 P	1,1-Dichloroethane	50.000	46.721	6.6	89	0.00
25 T	2-Butanone	250.000	222.765	10.9	87	0.00
26 T	2,2-Dichloropropane	50.000	47.118	5.8	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.683	4.6	89	0.00
28 T	Bromochloromethane	50.000	46.646	6.7	91	0.00
29 T	Tetrahydrofuran	250.000	218.941	12.4	83	0.00
30 C	Chloroform	50.000	49.360	1.3#	92	0.00
31 T	Cyclohexane	50.000	46.056	7.9	84	0.00
32 T	1,1,1-Trichloroethane	50.000	49.060	1.9	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.039	7.9	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	49.213	1.6	91	0.00
36 T	1,1-Dichloropropene	50.000	47.394	5.2	91	0.00
37 T	Ethyl Acetate	50.000	40.020	20.0	81	0.00
38 T	Carbon Tetrachloride	50.000	50.193	-0.4	92	0.00
39 T	Methylcyclohexane	50.000	45.582	8.8	86	0.00
40 TM	Benzene	50.000	47.977	4.0	90	0.00
41 T	Methacrylonitrile	50.000	38.885	22.2	67	-0.01
42 TM	1,2-Dichloroethane	50.000	48.868	2.3	89	0.00
43 T	Isopropyl Acetate	50.000	45.164	9.7	83	0.00
44 TM	Trichloroethene	50.000	48.302	3.4	90	0.00
45 C	1,2-Dichloropropane	50.000	47.918	4.2#	88	0.00
46 T	Dibromomethane	50.000	49.573	0.9	90	0.00
47 T	Bromodichloromethane	50.000	50.393	-0.8	91	0.00
48 T	Methyl methacrylate	50.000	46.662	6.7	84	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	902.263	9.8	86	0.00
50 S	Toluene-d8	50.000	47.668	4.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.254	6.3	85	0.00
52 CM	Toluene	50.000	49.506	1.0#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	49.409	1.2	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.140	3.7	87	0.00
55 T	1,1,2-Trichloroethane	50.000	50.212	-0.4	89	0.00
56 T	Ethyl methacrylate	50.000	48.875	2.3	86	0.00
57 T	1,3-Dichloropropane	50.000	49.975	0.0	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.293	6.3	87	0.00
59 T	2-Hexanone	250.000	243.838	2.5	86	0.00
60 T	Dibromochloromethane	50.000	51.064	-2.1	92	0.00
61 T	1,2-Dibromoethane	50.000	48.675	2.7	91	0.00
62 S	4-Bromofluorobenzene	50.000	49.857	0.3	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	49.344	1.3	94	0.00
65 PM	Chlorobenzene	50.000	49.300	1.4	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.811	-1.6	93	0.00
67 C	Ethyl Benzene	50.000	49.411	1.2#	92	0.00
68 T	m/p-Xylenes	100.000	99.008	1.0	93	0.00
69 T	o-Xylene	50.000	49.891	0.2	93	0.00
70 T	Styrene	50.000	50.244	-0.5	92	0.00
71 P	Bromoform	50.000	49.931	0.1	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	49.096	1.8	93	0.00
74 T	N-amyl acetate	50.000	44.326	11.3	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.168	5.7	90	0.00
76 T	1,2,3-Trichloropropane	50.000	47.585	4.8	98	0.00
77 T	Bromobenzene	50.000	48.271	3.5	93	0.00
78 T	n-propylbenzene	50.000	48.918	2.2	93	0.00
79 T	2-Chlorotoluene	50.000	47.955	4.1	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.777	0.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.164	9.7	86	0.00
82 T	4-Chlorotoluene	50.000	48.034	3.9	93	0.00
83 T	tert-Butylbenzene	50.000	50.522	-1.0	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.470	1.1	94	0.00
85 T	sec-Butylbenzene	50.000	49.157	1.7	92	0.00
86 T	p-Isopropyltoluene	50.000	49.860	0.3	94	0.00
87 T	1,3-Dichlorobenzene	50.000	48.830	2.3	94	0.00
88 T	1,4-Dichlorobenzene	50.000	48.032	3.9	94	0.00
89 T	n-Butylbenzene	50.000	49.774	0.5	93	0.00
90 T	Hexachloroethane	50.000	48.322	3.4	92	0.00
91 T	1,2-Dichlorobenzene	50.000	48.534	2.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.977	10.0	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.418	3.2	94	0.00
94 T	Hexachlorobutadiene	50.000	49.209	1.6	94	0.00
95 T	Naphthalene	50.000	47.950	4.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.248	3.5	94	0.00

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