

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017891.D
 Acq On : 09 Apr 2024 16:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 10 04:26:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 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	55	-0.01
2 T	Dichlorodifluoromethane	50.000	52.590	-5.2	71	0.00
3 P	Chloromethane	50.000	59.273	-18.5	74	0.00
4 C	Vinyl Chloride	50.000	69.995	-40.0#	88	0.00
5 T	Bromomethane	50.000	79.159	-58.3#	105	0.00
6 T	Chloroethane	50.000	81.077	-62.2#	102	0.00
7 T	Trichlorofluoromethane	50.000	58.639	-17.3	76	0.00
8 T	Diethyl Ether	50.000	49.379	1.2	62	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.991	-2.0	65	0.00
10 T	Methyl Iodide	50.000	57.893	-15.8	67	-0.01
11 T	Tert butyl alcohol	250.000	211.471	15.4	50	-0.01
12 CM	1,1-Dichloroethene	50.000	51.567	-3.1#	65	-0.01
13 T	Acrolein	250.000	177.579	29.0#	43	0.00
14 T	Allyl chloride	50.000	47.287	5.4	58	-0.01
15 T	Acrylonitrile	250.000	220.889	11.6	54	-0.02
16 T	Acetone	250.000	183.758	26.5#	44	-0.01
17 T	Carbon Disulfide	50.000	47.404	5.2	55	-0.01
18 T	Methyl Acetate	50.000	41.682	16.6	53	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.981	-4.0	64	-0.02
20 T	Methylene Chloride	50.000	50.540	-1.1	61	-0.02
21 T	trans-1,2-Dichloroethene	50.000	55.011	-10.0	68	-0.02
22 T	Diisopropyl ether	50.000	50.429	-0.9	62	-0.01
23 T	Vinyl Acetate	250.000	240.743	3.7	59	-0.01
24 P	1,1-Dichloroethane	50.000	54.504	-9.0	69	-0.01
25 T	2-Butanone	250.000	199.527	20.2	49	-0.01
26 T	2,2-Dichloropropane	50.000	52.508	-5.0	68	-0.01
27 T	cis-1,2-Dichloroethene	50.000	56.887	-13.8	71	-0.01
28 T	Bromochloromethane	50.000	44.281	11.4	47	-0.01
29 T	Tetrahydrofuran	250.000	209.482	16.2	51	-0.01
30 C	Chloroform	50.000	57.378	-14.8#	73	-0.01
31 T	Cyclohexane	50.000	43.473	13.1	56	-0.01
32 T	1,1,1-Trichloroethane	50.000	56.692	-13.4	72	-0.01
33 S	1,2-Dichloroethane-d4	50.000	46.198	7.6	56	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	57	0.00
35 S	Dibromofluoromethane	50.000	47.008	6.0	57	0.00
36 T	1,1-Dichloropropene	50.000	52.422	-4.8	66	0.00
37 T	Ethyl Acetate	50.000	41.326	17.3	54	-0.01
38 T	Carbon Tetrachloride	50.000	53.803	-7.6	70	-0.01
39 T	Methylcyclohexane	50.000	49.038	1.9	61	-0.01
40 TM	Benzene	50.000	53.184	-6.4	69	0.00
41 T	Methacrylonitrile	50.000	59.824	-19.6	73	0.00
42 TM	1,2-Dichloroethane	50.000	53.276	-6.6	69	-0.01
43 T	Isopropyl Acetate	50.000	44.701	10.6	58	-0.01
44 TM	Trichloroethene	50.000	53.336	-6.7	69	0.00
45 C	1,2-Dichloropropane	50.000	51.445	-2.9#	67	-0.01
46 T	Dibromomethane	50.000	52.215	-4.4	67	0.00
47 T	Bromodichloromethane	50.000	55.306	-10.6	72	-0.01
48 T	Methyl methacrylate	50.000	45.709	8.6	54	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1020.653	-2.1	64	0.00
50 S	Toluene-d8	50.000	46.953	6.1	57	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.746	5.7	55	0.00
52 CM	Toluene	50.000	55.006	-10.0#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	52.031	-4.1	67	-0.01
54 T	cis-1,3-Dichloropropene	50.000	52.354	-4.7	67	-0.01
55 T	1,1,2-Trichloroethane	50.000	52.054	-4.1	69	0.00
56 T	Ethyl methacrylate	50.000	51.561	-3.1	61	0.00
57 T	1,3-Dichloropropane	50.000	50.571	-1.1	66	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	199.275	20.3	39	-0.01
59 T	2-Hexanone	250.000	220.967	11.6	51	0.00
60 T	Dibromochloromethane	50.000	54.057	-8.1	71	0.00
61 T	1,2-Dibromoethane	50.000	51.457	-2.9	66	0.00
62 S	4-Bromofluorobenzene	50.000	44.649	10.7	55	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	58	0.00
64 T	Tetrachloroethene	50.000	53.666	-7.3	71	0.00
65 PM	Chlorobenzene	50.000	53.781	-7.6	71	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.716	-11.4	74	0.00
67 C	Ethyl Benzene	50.000	55.237	-10.5#	72	0.00
68 T	m/p-Xylenes	100.000	111.494	-11.5	73	0.00
69 T	o-Xylene	50.000	60.487	-21.0	73	0.00
70 T	Styrene	50.000	59.770	-19.5	72	0.00
71 P	Bromoform	50.000	49.919	0.2	66	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	55	0.00
73 T	Isopropylbenzene	50.000	56.522	-13.0	73	0.00
74 T	N-amyl acetate	50.000	49.164	1.7	56	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.905	6.2	62	0.00
76 T	1,2,3-Trichloropropane	50.000	47.438	5.1	60	0.00
77 T	Bromobenzene	50.000	54.164	-8.3	72	0.00
78 T	n-propylbenzene	50.000	55.871	-11.7	71	0.00
79 T	2-Chlorotoluene	50.000	54.639	-9.3	70	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.692	-13.4	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.890	2.2	58	0.00
82 T	4-Chlorotoluene	50.000	53.890	-7.8	69	0.00
83 T	tert-Butylbenzene	50.000	57.164	-14.3	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.336	-14.7	73	0.00
85 T	sec-Butylbenzene	50.000	57.929	-15.9	74	0.00
86 T	p-Isopropyltoluene	50.000	57.760	-15.5	75	0.00
87 T	1,3-Dichlorobenzene	50.000	54.838	-9.7	73	0.00
88 T	1,4-Dichlorobenzene	50.000	53.479	-7.0	70	0.00
89 T	n-Butylbenzene	50.000	56.767	-13.5	72	0.00
90 T	Hexachloroethane	50.000	57.061	-14.1	76	0.00
91 T	1,2-Dichlorobenzene	50.000	53.551	-7.1	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.707	12.6	57	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.927	-3.9	64	0.00
94 T	Hexachlorobutadiene	50.000	54.189	-8.4	71	0.00
95 T	Naphthalene	50.000	51.347	-2.7	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.807	-1.6	63	0.00

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