

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017450.D
 Acq On : 21 Feb 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 03:43:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	45.973	8.1	103	0.00
3 P	Chloromethane	50.000	39.012	22.0	78	0.00
4 C	Vinyl Chloride	50.000	37.326	25.3#	79	0.00
5 T	Bromomethane	50.000	43.397	13.2	88	0.00
6 T	Chloroethane	50.000	37.630	24.7	82	0.00
7 T	Trichlorofluoromethane	50.000	44.599	10.8	97	0.00
8 T	Diethyl Ether	50.000	51.929	-3.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.397	9.2	101	-0.01
10 T	Methyl Iodide	50.000	48.779	2.4	99	0.00
11 T	Tert butyl alcohol	250.000	234.209	6.3	131	-0.02
12 CM	1,1-Dichloroethene	50.000	47.843	4.3#	105	0.00
13 T	Acrolein	250.000	249.511	0.2	119	0.00
14 T	Allyl chloride	50.000	48.048	3.9	104	0.00
15 T	Acrylonitrile	250.000	267.295	-6.9	120	0.00
16 T	Acetone	250.000	237.882	4.8	107	-0.02
17 T	Carbon Disulfide	50.000	47.433	5.1	104	0.00
18 T	Methyl Acetate	50.000	56.976	-14.0	124	0.00
19 T	Methyl tert-butyl Ether	50.000	51.486	-3.0	112	0.00
20 T	Methylene Chloride	50.000	50.576	-1.2	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.831	0.3	109	0.00
22 T	Diisopropyl ether	50.000	50.437	-0.9	108	0.00
23 T	Vinyl Acetate	250.000	250.519	-0.2	108	0.00
24 P	1,1-Dichloroethane	50.000	48.517	3.0	107	0.00
25 T	2-Butanone	250.000	251.876	-0.8	114	0.00
26 T	2,2-Dichloropropane	50.000	44.104	11.8	97	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.635	-3.3	112	0.00
28 T	Bromochloromethane	50.000	50.941	-1.9	99	0.00
29 T	Tetrahydrofuran	250.000	268.768	-7.5	120	0.00
30 C	Chloroform	50.000	50.193	-0.4#	111	0.00
31 T	Cyclohexane	50.000	43.489	13.0	97	0.00
32 T	1,1,1-Trichloroethane	50.000	46.707	6.6	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.194	11.6	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	46.618	6.8	88	0.00
36 T	1,1-Dichloropropene	50.000	46.865	6.3	103	0.00
37 T	Ethyl Acetate	50.000	51.323	-2.6	118	0.00
38 T	Carbon Tetrachloride	50.000	46.982	6.0	102	0.00
39 T	Methylcyclohexane	50.000	46.934	6.1	100	0.00
40 TM	Benzene	50.000	49.515	1.0	108	0.00
41 T	Methacrylonitrile	50.000	52.660	-5.3	104	0.00
42 TM	1,2-Dichloroethane	50.000	49.405	1.2	110	0.00
43 T	Isopropyl Acetate	50.000	50.586	-1.2	110	0.00
44 TM	Trichloroethene	50.000	50.568	-1.1	111	0.00
45 C	1,2-Dichloropropane	50.000	50.122	-0.2#	108	0.00
46 T	Dibromomethane	50.000	51.454	-2.9	115	0.00
47 T	Bromodichloromethane	50.000	50.890	-1.8	110	0.00
48 T	Methyl methacrylate	50.000	51.648	-3.3	110	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	1105.976	-10.6	124	0.00
50 S	Toluene-d8	50.000	45.726	8.5	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.777	-6.7	116	0.00
52 CM	Toluene	50.000	50.177	-0.4#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	51.299	-2.6	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.495	-1.0	110	0.00
55 T	1,1,2-Trichloroethane	50.000	53.124	-6.2	117	0.00
56 T	Ethyl methacrylate	50.000	49.666	0.7	115	0.00
57 T	1,3-Dichloropropane	50.000	52.240	-4.5	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.131	1.1	93	0.00
59 T	2-Hexanone	250.000	265.079	-6.0	112	0.00
60 T	Dibromochloromethane	50.000	54.140	-8.3	118	0.00
61 T	1,2-Dibromoethane	50.000	53.444	-6.9	116	0.00
62 S	4-Bromofluorobenzene	50.000	43.282	13.4	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	51.390	-2.8	118	0.00
65 PM	Chlorobenzene	50.000	49.341	1.3	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.975	0.0	115	0.00
67 C	Ethyl Benzene	50.000	48.837	2.3#	108	0.00
68 T	m/p-Xylenes	100.000	98.993	1.0	109	0.00
69 T	o-Xylene	50.000	50.667	-1.3	111	0.00
70 T	Styrene	50.000	51.585	-3.2	111	0.00
71 P	Bromoform	50.000	54.656	-9.3	124	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	47.548	4.9	107	0.00
74 T	N-amyl acetate	50.000	47.714	4.6	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.609	0.8	117	0.00
76 T	1,2,3-Trichloropropane	50.000	44.342	11.3	100	0.00
77 T	Bromobenzene	50.000	49.685	0.6	116	0.00
78 T	n-propylbenzene	50.000	47.364	5.3	106	0.00
79 T	2-Chlorotoluene	50.000	47.428	5.1	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.292	3.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.565	2.9	111	0.00
82 T	4-Chlorotoluene	50.000	47.175	5.7	108	0.00
83 T	tert-Butylbenzene	50.000	49.121	1.8	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.718	2.6	107	0.00
85 T	sec-Butylbenzene	50.000	47.386	5.2	105	0.00
86 T	p-Isopropyltoluene	50.000	47.536	4.9	105	0.00
87 T	1,3-Dichlorobenzene	50.000	48.786	2.4	112	0.00
88 T	1,4-Dichlorobenzene	50.000	49.201	1.6	113	0.00
89 T	n-Butylbenzene	50.000	46.988	6.0	102	0.00
90 T	Hexachloroethane	50.000	47.256	5.5	109	0.00
91 T	1,2-Dichlorobenzene	50.000	49.451	1.1	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.052	5.9	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.458	-2.9	112	0.00
94 T	Hexachlorobutadiene	50.000	47.927	4.1	110	0.00
95 T	Naphthalene	50.000	47.595	4.8	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.213	-2.4	112	0.00

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