

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017065.D
 Acq On : 22 Jan 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 01:41:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 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	109	0.02
2 T	Dichlorodifluoromethane	50.000	55.145	-10.3	115	0.00
3 P	Chloromethane	50.000	55.368	-10.7	118	0.01
4 C	Vinyl Chloride	50.000	54.902	-9.8#	115	0.01
5 T	Bromomethane	50.000	53.010	-6.0	118	0.01
6 T	Chloroethane	50.000	52.146	-4.3	110	0.01
7 T	Trichlorofluoromethane	50.000	50.182	-0.4	106	0.02
8 T	Diethyl Ether	50.000	46.412	7.2	95	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.745	2.5	104	0.02
10 T	Methyl Iodide	50.000	57.485	-15.0	112	0.02
11 T	Tert butyl alcohol	250.000	186.523	25.4#	82	0.02
12 CM	1,1-Dichloroethene	50.000	52.107	-4.2#	109	0.02
13 T	Acrolein	250.000	160.525	35.8#	72	0.02
14 T	Allyl chloride	50.000	50.030	-0.1	103	0.02
15 T	Acrylonitrile	250.000	216.918	13.2	91	0.02
16 T	Acetone	250.000	237.430	5.0	101	0.01
17 T	Carbon Disulfide	50.000	65.928	-31.9#	130	0.02
18 T	Methyl Acetate	50.000	50.500	-1.0	95	0.01
19 T	Methyl tert-butyl Ether	50.000	45.887	8.2	93	0.02
20 T	Methylene Chloride	50.000	40.375	19.3	88	0.02
21 T	trans-1,2-Dichloroethene	50.000	53.060	-6.1	109	0.02
22 T	Diisopropyl ether	50.000	47.377	5.2	95	0.02
23 T	Vinyl Acetate	250.000	221.195	11.5	92	0.02
24 P	1,1-Dichloroethane	50.000	47.529	4.9	99	0.02
25 T	2-Butanone	250.000	219.506	12.2	92	0.02
26 T	2,2-Dichloropropane	50.000	47.879	4.2	100	0.02
27 T	cis-1,2-Dichloroethene	50.000	49.878	0.2	103	0.02
28 T	Bromochloromethane	50.000	52.672	-5.3	100	0.02
29 T	Tetrahydrofuran	250.000	216.418	13.4	89	0.02
30 C	Chloroform	50.000	46.656	6.7#	98	0.02
31 T	Cyclohexane	50.000	53.317	-6.6	113	0.02
32 T	1,1,1-Trichloroethane	50.000	48.604	2.8	101	0.02
33 S	1,2-Dichloroethane-d4	50.000	43.328	13.3	93	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.02
35 S	Dibromofluoromethane	50.000	48.562	2.9	102	0.02
36 T	1,1-Dichloropropene	50.000	52.669	-5.3	105	0.02
37 T	Ethyl Acetate	50.000	42.004	16.0	85	0.02
38 T	Carbon Tetrachloride	50.000	51.436	-2.9	104	0.02
39 T	Methylcyclohexane	50.000	58.328	-16.7	112	0.02
40 TM	Benzene	50.000	50.709	-1.4	102	0.02
41 T	Methacrylonitrile	50.000	40.640	18.7	90	0.02
42 TM	1,2-Dichloroethane	50.000	47.255	5.5	97	0.02
43 T	Isopropyl Acetate	50.000	43.840	12.3	90	0.02
44 TM	Trichloroethene	50.000	52.203	-4.4	105	0.02
45 C	1,2-Dichloropropane	50.000	47.715	4.6#	97	0.02
46 T	Dibromomethane	50.000	47.540	4.9	97	0.02
47 T	Bromodichloromethane	50.000	47.115	5.8	96	0.02
48 T	Methyl methacrylate	50.000	46.722	6.6	91	0.02

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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	845.028	15.5	88	0.01
50 S	Toluene-d8	50.000	46.672	6.7	94	0.02
51 T	4-Methyl-2-Pentanone	250.000	218.326	12.7	86	0.01
52 CM	Toluene	50.000	52.054	-4.1#	103	0.02
53 T	t-1,3-Dichloropropene	50.000	47.904	4.2	95	0.02
54 T	cis-1,3-Dichloropropene	50.000	49.533	0.9	99	0.01
55 T	1,1,2-Trichloroethane	50.000	44.894	10.2	92	0.02
56 T	Ethyl methacrylate	50.000	47.762	4.5	93	0.01
57 T	1,3-Dichloropropane	50.000	46.775	6.5	95	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	196.810	21.3	81	0.02
59 T	2-Hexanone	250.000	212.608	15.0	89	0.01
60 T	Dibromochloromethane	50.000	46.287	7.4	93	0.01
61 T	1,2-Dibromoethane	50.000	47.735	4.5	95	0.02
62 S	4-Bromofluorobenzene	50.000	47.367	5.3	99	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.01
64 T	Tetrachloroethene	50.000	53.609	-7.2	108	0.02
65 PM	Chlorobenzene	50.000	50.458	-0.9	102	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	48.326	3.3	96	0.02
67 C	Ethyl Benzene	50.000	52.876	-5.8#	102	0.02
68 T	m/p-Xylenes	100.000	107.777	-7.8	103	0.02
69 T	o-Xylene	50.000	52.508	-5.0	100	0.02
70 T	Styrene	50.000	52.120	-4.2	98	0.02
71 P	Bromoform	50.000	47.009	6.0	92	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.02
73 T	Isopropylbenzene	50.000	52.750	-5.5	101	0.02
74 T	N-amyl acetate	50.000	44.864	10.3	86	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	43.281	13.4	88	0.01
76 T	1,2,3-Trichloropropane	50.000	47.771	4.5	85	0.02
77 T	Bromobenzene	50.000	50.071	-0.1	100	0.02
78 T	n-propylbenzene	50.000	52.422	-4.8	100	0.02
79 T	2-Chlorotoluene	50.000	50.373	-0.7	98	0.02
80 T	1,3,5-Trimethylbenzene	50.000	53.094	-6.2	101	0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	44.989	10.0	91	0.02
82 T	4-Chlorotoluene	50.000	50.758	-1.5	99	0.02
83 T	tert-Butylbenzene	50.000	52.118	-4.2	101	0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.743	-5.5	100	0.02
85 T	sec-Butylbenzene	50.000	52.420	-4.8	100	0.01
86 T	p-Isopropyltoluene	50.000	52.856	-5.7	99	0.01
87 T	1,3-Dichlorobenzene	50.000	49.554	0.9	98	0.02
88 T	1,4-Dichlorobenzene	50.000	49.077	1.8	98	0.02
89 T	n-Butylbenzene	50.000	52.991	-6.0	100	0.02
90 T	Hexachloroethane	50.000	49.040	1.9	97	0.01
91 T	1,2-Dichlorobenzene	50.000	48.045	3.9	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.419	17.2	87	0.01
93 T	1,2,4-Trichlorobenzene	50.000	51.099	-2.2	96	0.01
94 T	Hexachlorobutadiene	50.000	50.631	-1.3	99	0.01
95 T	Naphthalene	50.000	49.139	1.7	92	0.02

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.653	2.7	92	0.02

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