

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019619.D
 Acq On : 18 Sep 2024 20:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 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	46	0.00
2 T	Dichlorodifluoromethane	50.000	44.859	10.3	43	0.00
3 P	Chloromethane	50.000	51.415	-2.8	50	0.00
4 C	Vinyl Chloride	50.000	55.509	-11.0#	51	0.00
5 T	Bromomethane	50.000	65.664	-31.3#	59	0.00
6 T	Chloroethane	50.000	60.292	-20.6	55	0.00
7 T	Trichlorofluoromethane	50.000	54.521	-9.0	51	0.00
8 T	Diethyl Ether	50.000	53.342	-6.7	47	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.537	-3.1	48	0.00
10 T	Methyl Iodide	50.000	46.494	7.0	42	0.00
11 T	Tert butyl alcohol	250.000	310.762	-24.3	54	0.00
12 CM	1,1-Dichloroethene	50.000	51.118	-2.2#	47	0.00
13 T	Acrolein	250.000	165.771	33.7#	36	0.00
14 T	Allyl chloride	50.000	50.169	-0.3	45	0.00
15 T	Acrylonitrile	250.000	286.854	-14.7	49	0.00
16 T	Acetone	250.000	262.554	-5.0	43	0.00
17 T	Carbon Disulfide	50.000	49.546	0.9	43	0.00
18 T	Methyl Acetate	50.000	54.345	-8.7	44	0.00
19 T	Methyl tert-butyl Ether	50.000	55.292	-10.6	49	0.00
20 T	Methylene Chloride	50.000	56.516	-13.0	52	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.462	-6.9	48	0.00
22 T	Diisopropyl ether	50.000	54.586	-9.2	49	0.00
23 T	Vinyl Acetate	250.000	274.154	-9.7	49	0.00
24 P	1,1-Dichloroethane	50.000	55.549	-11.1	50	0.00
25 T	2-Butanone	250.000	281.188	-12.5	48	0.00
26 T	2,2-Dichloropropane	50.000	51.130	-2.3	47	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.879	-11.8	50	0.00
28 T	Bromochloromethane	50.000	64.397	-28.8#	56	0.00
29 T	Tetrahydrofuran	250.000	277.766	-11.1	48	0.00
30 C	Chloroform	50.000	57.146	-14.3#	51	0.00
31 T	Cyclohexane	50.000	47.886	4.2	46	0.00
32 T	1,1,1-Trichloroethane	50.000	55.188	-10.4	50	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.541	-21.1	53	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	48	0.00
35 S	Dibromofluoromethane	50.000	54.846	-9.7	52	0.00
36 T	1,1-Dichloropropene	50.000	51.645	-3.3	49	0.00
37 T	Ethyl Acetate	50.000	52.881	-5.8	48	0.00
38 T	Carbon Tetrachloride	50.000	51.490	-3.0	49	0.00
39 T	Methylcyclohexane	50.000	48.496	3.0	46	0.00
40 TM	Benzene	50.000	52.364	-4.7	49	0.00
41 T	Methacrylonitrile	50.000	44.812	10.4	38	0.00
42 TM	1,2-Dichloroethane	50.000	56.484	-13.0	53	0.00
43 T	Isopropyl Acetate	50.000	52.643	-5.3	49	0.00
44 TM	Trichloroethene	50.000	50.529	-1.1	48	0.00
45 C	1,2-Dichloropropane	50.000	52.127	-4.3#	50	0.00
46 T	Dibromomethane	50.000	55.458	-10.9	51	0.00
47 T	Bromodichloromethane	50.000	54.159	-8.3	51	0.00
48 T	Methyl methacrylate	50.000	50.027	-0.1	45	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1138.545	-13.9	53	0.00
50 S	Toluene-d8	50.000	54.100	-8.2	50	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.467	-8.2	49	0.00
52 CM	Toluene	50.000	52.982	-6.0#	49	0.00
53 T	t-1,3-Dichloropropene	50.000	50.735	-1.5	47	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.762	-1.5	47	0.00
55 T	1,1,2-Trichloroethane	50.000	53.924	-7.8	49	0.00
56 T	Ethyl methacrylate	50.000	53.240	-6.5	49	0.00
57 T	1,3-Dichloropropane	50.000	53.758	-7.5	50	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.762	-10.7	52	0.00
59 T	2-Hexanone	250.000	257.447	-3.0	47	0.00
60 T	Dibromochloromethane	50.000	53.357	-6.7	49	0.00
61 T	1,2-Dibromoethane	50.000	52.670	-5.3	49	0.00
62 S	4-Bromofluorobenzene	50.000	50.563	-1.1	49	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	49	0.00
64 T	Tetrachloroethene	50.000	51.939	-3.9	50	0.00
65 PM	Chlorobenzene	50.000	51.411	-2.8	50	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.444	-4.9	50	0.00
67 C	Ethyl Benzene	50.000	51.634	-3.3#	50	0.00
68 T	m/p-Xylenes	100.000	101.765	-1.8	49	0.00
69 T	o-Xylene	50.000	50.573	-1.1	49	0.00
70 T	Styrene	50.000	51.445	-2.9	49	0.00
71 P	Bromoform	50.000	50.686	-1.4	47	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	49	0.00
73 T	Isopropylbenzene	50.000	50.244	-0.5	49	0.00
74 T	N-ethyl acetate	50.000	50.091	-0.2	48	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.759	-7.5	51	0.00
76 T	1,2,3-Trichloropropane	50.000	54.112	-8.2	48	0.00
77 T	Bromobenzene	50.000	50.143	-0.3	49	0.00
78 T	n-propylbenzene	50.000	50.081	-0.2	49	0.00
79 T	2-Chlorotoluene	50.000	50.085	-0.2	49	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.018	-0.0	49	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.454	9.1	43	0.00
82 T	4-Chlorotoluene	50.000	49.942	0.1	49	0.00
83 T	tert-Butylbenzene	50.000	51.223	-2.4	50	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.969	0.1	49	0.00
85 T	sec-Butylbenzene	50.000	50.537	-1.1	50	0.00
86 T	p-Isopropyltoluene	50.000	49.979	0.0	49	0.00
87 T	1,3-Dichlorobenzene	50.000	49.914	0.2	49	0.00
88 T	1,4-Dichlorobenzene	50.000	49.744	0.5	48	0.00
89 T	n-Butylbenzene	50.000	48.970	2.1	48	0.00
90 T	Hexachloroethane	50.000	49.782	0.4	49	0.00
91 T	1,2-Dichlorobenzene	50.000	50.286	-0.6	48	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.991	0.0	48	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.343	9.3	43	0.00
94 T	Hexachlorobutadiene	50.000	45.656	8.7	45	0.00
95 T	Naphthalene	50.000	47.078	5.8	44	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.859	8.3	43	0.00

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