

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100424\  
 Data File : VY019804.D  
 Acq On : 04 Oct 2024 16:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampled :  
 VSTDCCC050

Quant Time: Oct 04 23:34:59 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	35	0.00
2 T	Dichlorodifluoromethane	50.000	38.593	22.8	29	0.00
3 P	Chloromethane	50.000	47.445	5.1	35	0.00
4 C	Vinyl Chloride	50.000	53.025	-6.0#	37	0.00
5 T	Bromomethane	50.000	62.112	-24.2	42	0.00
6 T	Chloroethane	50.000	60.819	-21.6	42	0.00
7 T	Trichlorofluoromethane	50.000	52.717	-5.4	38	0.00
8 T	Diethyl Ether	50.000	57.607	-15.2	38	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.011	-4.0	37	0.00
10 T	Methyl Iodide	50.000	44.671	10.7	30	0.00
11 T	Tert butyl alcohol	250.000	327.804	-31.1#	43	0.00
12 CM	1,1-Dichloroethene	50.000	50.672	-1.3#	35	0.00
13 T	Acrolein	250.000	84.672	66.1#	15	0.00
14 T	Allyl chloride	50.000	52.600	-5.2	36	0.00
15 T	Acrylonitrile	250.000	318.447	-27.4#	42	0.00
16 T	Acetone	250.000	259.805	-3.9	32	0.00
17 T	Carbon Disulfide	50.000	45.153	9.7	30	0.00
18 T	Methyl Acetate	50.000	63.884	-27.8#	39	0.00
19 T	Methyl tert-butyl Ether	50.000	59.837	-19.7	40	0.00
20 T	Methylene Chloride	50.000	57.656	-15.3	40	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.495	-7.0	36	0.00
22 T	Diisopropyl ether	50.000	60.585	-21.2	41	0.00
23 T	Vinyl Acetate	250.000	291.215	-16.5	39	0.00
24 P	1,1-Dichloroethane	50.000	59.188	-18.4	40	0.00
25 T	2-Butanone	250.000	293.949	-17.6	38	0.00
26 T	2,2-Dichloropropane	50.000	48.386	3.2	34	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.778	-17.6	40	0.00
28 T	Bromochloromethane	50.000	71.574	-43.1#	47	0.00
29 T	Tetrahydrofuran	250.000	313.976	-25.6#	41	0.00
30 C	Chloroform	50.000	61.700	-23.4#	42	0.00
31 T	Cyclohexane	50.000	47.114	5.8	34	0.00
32 T	1,1,1-Trichloroethane	50.000	56.449	-12.9	39	0.00
33 S	1,2-Dichloroethane-d4	50.000	63.222	-26.4#	42	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	37	0.00
35 S	Dibromofluoromethane	50.000	55.084	-10.2	40	0.00
36 T	1,1-Dichloropropene	50.000	52.297	-4.6	38	0.00
37 T	Ethyl Acetate	50.000	58.321	-16.6	40	0.00
38 T	Carbon Tetrachloride	50.000	50.720	-1.4	37	0.00
39 T	Methylcyclohexane	50.000	46.819	6.4	34	0.00
40 TM	Benzene	50.000	54.282	-8.6	39	0.00
41 T	Methacrylonitrile	50.000	62.273	-24.5	40	0.00
42 TM	1,2-Dichloroethane	50.000	60.934	-21.9	43	0.00
43 T	Isopropyl Acetate	50.000	56.895	-13.8	40	0.00
44 TM	Trichloroethene	50.000	51.437	-2.9	37	0.00
45 C	1,2-Dichloropropane	50.000	56.745	-13.5#	41	0.00
46 T	Dibromomethane	50.000	58.904	-17.8	41	0.00
47 T	Bromodichloromethane	50.000	58.116	-16.2	42	0.00
48 T	Methyl methacrylate	50.000	55.327	-10.7	38	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1201.043	-20.1	43	0.00
50 S	Toluene-d8	50.000	51.855	-3.7	37	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.988	-19.6	41	0.00
52 CM	Toluene	50.000	53.635	-7.3#	38	0.00
53 T	t-1,3-Dichloropropene	50.000	52.599	-5.2	37	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.183	-4.4	37	0.00
55 T	1,1,2-Trichloroethane	50.000	57.747	-15.5	40	0.00
56 T	Ethyl methacrylate	50.000	55.252	-10.5	39	0.00
57 T	1,3-Dichloropropane	50.000	58.041	-16.1	41	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	308.070	-23.2	44	0.00
59 T	2-Hexanone	250.000	270.321	-8.1	37	0.00
60 T	Dibromochloromethane	50.000	57.107	-14.2	40	0.00
61 T	1,2-Dibromoethane	50.000	55.449	-10.9	39	0.00
62 S	4-Bromofluorobenzene	50.000	50.909	-1.8	38	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	37	0.00
64 T	Tetrachloroethene	50.000	54.472	-8.9	40	0.00
65 PM	Chlorobenzene	50.000	53.485	-7.0	39	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.140	-8.3	40	0.00
67 C	Ethyl Benzene	50.000	52.914	-5.8#	39	0.00
68 T	m/p-Xylenes	100.000	103.682	-3.7	38	0.00
69 T	o-Xylene	50.000	52.188	-4.4	38	0.00
70 T	Styrene	50.000	52.988	-6.0	39	0.00
71 P	Bromoform	50.000	52.240	-4.5	37	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	38	0.00
73 T	Isopropylbenzene	50.000	50.606	-1.2	39	0.00
74 T	N-amyl acetate	50.000	51.354	-2.7	38	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.022	-12.0	41	-0.01
76 T	1,2,3-Trichloropropane	50.000	47.957	4.1	33	0.00
77 T	Bromobenzene	50.000	51.304	-2.6	38	0.00
78 T	n-propylbenzene	50.000	50.821	-1.6	39	0.00
79 T	2-Chlorotoluene	50.000	51.561	-3.1	39	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.268	-0.5	38	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.876	10.2	33	0.00
82 T	4-Chlorotoluene	50.000	51.455	-2.9	39	0.00
83 T	tert-Butylbenzene	50.000	50.333	-0.7	38	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.115	-2.2	39	-0.01
85 T	sec-Butylbenzene	50.000	50.902	-1.8	39	0.00
86 T	p-Isopropyltoluene	50.000	50.403	-0.8	38	0.00
87 T	1,3-Dichlorobenzene	50.000	51.203	-2.4	39	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.192	-2.4	38	-0.01
89 T	n-Butylbenzene	50.000	50.050	-0.1	38	-0.01
90 T	Hexachloroethane	50.000	48.434	3.1	37	0.00
91 T	1,2-Dichlorobenzene	50.000	52.160	-4.3	39	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.102	-0.2	37	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.428	5.1	35	0.00
94 T	Hexachlorobutadiene	50.000	47.050	5.9	36	0.00
95 T	Naphthalene	50.000	48.312	3.4	35	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	48.205	3.6	35	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6