

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077349.D
 Acq On : 19 Oct 2023 11:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 03:04:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	65.532	-31.1#	130	0.00
3 P	Chloromethane	50.000	56.773	-13.5	108	0.00
4 C	Vinyl Chloride	50.000	59.629	-19.3#	111	0.00
5 T	Bromomethane	50.000	55.403	-10.8	109	0.00
6 T	Chloroethane	50.000	56.999	-14.0	109	0.00
7 T	Trichlorofluoromethane	50.000	61.561	-23.1	122	0.00
8 T	Diethyl Ether	50.000	55.248	-10.5	132	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.815	4.4	104	0.00
10 T	Methyl Iodide	50.000	41.465	17.1	81	0.00
11 T	Tert butyl alcohol	250.000	253.504	-1.4	106	0.00
12 CM	1,1-Dichloroethene	50.000	45.980	8.0#	98	0.00
13 T	Acrolein	250.000	226.361	9.5	115	0.00
14 T	Allyl chloride	50.000	52.522	-5.0	108	0.00
15 T	Acrylonitrile	250.000	290.733	-16.3	109	0.00
16 T	Acetone	250.000	260.457	-4.2	116	0.00
17 T	Carbon Disulfide	50.000	48.567	2.9	99	0.00
18 T	Methyl Acetate	50.000	53.679	-7.4	113	0.00
19 T	Methyl tert-butyl Ether	50.000	55.984	-12.0	102	0.00
20 T	Methylene Chloride	50.000	55.156	-10.3	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.830	-3.7	96	0.00
22 T	Diisopropyl ether	50.000	61.373	-22.7	106	0.00
23 T	Vinyl Acetate	250.000	315.604	-26.2#	129	0.00
24 P	1,1-Dichloroethane	50.000	53.793	-7.6	100	0.00
25 T	2-Butanone	250.000	298.964	-19.6	111	0.00
26 T	2,2-Dichloropropane	50.000	51.935	-3.9	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.899	-1.8	95	0.00
28 T	Bromochloromethane	50.000	55.328	-10.7	107	0.00
29 T	Tetrahydrofuran	250.000	307.913	-23.2	111	0.00
30 C	Chloroform	50.000	51.782	-3.6#	96	0.00
31 T	Cyclohexane	50.000	55.378	-10.8	109	0.00
32 T	1,1,1-Trichloroethane	50.000	51.791	-3.6	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.910	-1.8	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	45.210	9.6	99	0.00
36 T	1,1-Dichloropropene	50.000	52.187	-4.4	102	0.00
37 T	Ethyl Acetate	50.000	56.502	-13.0	123	-0.02
38 T	Carbon Tetrachloride	50.000	47.723	4.6	96	0.00
39 T	Methylcyclohexane	50.000	50.750	-1.5	99	0.00
40 TM	Benzene	50.000	50.115	-0.2	97	0.00
41 T	Methacrylonitrile	50.000	52.758	-5.5	89	0.00
42 TM	1,2-Dichloroethane	50.000	50.813	-1.6	99	0.00
43 T	Isopropyl Acetate	50.000	56.974	-13.9	112	0.00
44 TM	Trichloroethene	50.000	45.718	8.6	90	0.00
45 C	1,2-Dichloropropane	50.000	50.724	-1.4#	98	0.00
46 T	Dibromomethane	50.000	48.827	2.3	95	0.00
47 T	Bromodichloromethane	50.000	48.975	2.0	96	0.00
48 T	Methyl methacrylate	50.000	57.744	-15.5	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1031.975	-3.2	103	0.00
50 S	Toluene-d8	50.000	47.630	4.7	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.056	-18.4	111	0.00
52 CM	Toluene	50.000	50.282	-0.6#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	50.642	-1.3	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.467	-2.9	99	0.00
55 T	1,1,2-Trichloroethane	50.000	49.689	0.6	97	0.00
56 T	Ethyl methacrylate	50.000	54.497	-9.0	101	0.00
57 T	1,3-Dichloropropane	50.000	50.753	-1.5	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	332.097	-32.8#	125	0.00
59 T	2-Hexanone	250.000	292.308	-16.9	109	0.00
60 T	Dibromochloromethane	50.000	45.700	8.6	90	0.00
61 T	1,2-Dibromoethane	50.000	48.157	3.7	94	0.00
62 S	4-Bromofluorobenzene	50.000	47.219	5.6	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	45.233	9.5	88	0.00
65 PM	Chlorobenzene	50.000	47.486	5.0	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.114	7.8	88	0.00
67 C	Ethyl Benzene	50.000	51.486	-3.0#	94	0.00
68 T	m/p-Xylenes	100.000	101.559	-1.6	92	0.00
69 T	o-Xylene	50.000	49.959	0.1	91	0.00
70 T	Styrene	50.000	51.273	-2.5	90	0.00
71 P	Bromoform	50.000	45.561	8.9	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	52.550	-5.1	93	0.00
74 T	N-ethyl acetate	50.000	59.859	-19.7	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.237	-8.5	102	0.00
76 T	1,2,3-Trichloropropane	50.000	28.079	43.8#	49	0.00
77 T	Bromobenzene	50.000	47.364	5.3	86	0.00
78 T	n-propylbenzene	50.000	53.570	-7.1	94	0.00
79 T	2-Chlorotoluene	50.000	51.264	-2.5	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.096	-4.2	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.688	-17.4	105	0.00
82 T	4-Chlorotoluene	50.000	51.967	-3.9	94	0.00
83 T	tert-Butylbenzene	50.000	51.082	-2.2	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.436	-4.9	91	0.00
85 T	sec-Butylbenzene	50.000	52.778	-5.6	95	0.00
86 T	p-Isopropyltoluene	50.000	51.124	-2.2	91	0.00
87 T	1,3-Dichlorobenzene	50.000	47.338	5.3	87	0.00
88 T	1,4-Dichlorobenzene	50.000	46.304	7.4	87	0.00
89 T	n-Butylbenzene	50.000	55.507	-11.0	100	0.00
90 T	Hexachloroethane	50.000	49.436	1.1	91	0.00
91 T	1,2-Dichlorobenzene	50.000	47.323	5.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.075	-18.2	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.475	9.0	84	0.00
94 T	Hexachlorobutadiene	50.000	41.566	16.9	79	0.00
95 T	Naphthalene	50.000	50.332	-0.7	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.148	9.7	82	0.00

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