

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077404.D
 Acq On : 24 Oct 2023 19:31
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 25 08:25:46 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	48.005	4.0	105	0.00
3 P	Chloromethane	50.000	52.840	-5.7	112	0.00
4 C	Vinyl Chloride	50.000	52.505	-5.0#	108	0.00
5 T	Bromomethane	50.000	54.406	-8.8	119	0.00
6 T	Chloroethane	50.000	52.126	-4.3	111	0.00
7 T	Trichlorofluoromethane	50.000	46.122	7.8	101	0.00
8 T	Diethyl Ether	50.000	43.071	13.9	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.872	8.3	111	0.00
10 T	Methyl Iodide	50.000	48.525	3.0	105	0.00
11 T	Tert butyl alcohol	250.000	241.462	3.4	112	0.00
12 CM	1,1-Dichloroethene	50.000	45.680	8.6#	108	0.00
13 T	Acrolein	250.000	273.453	-9.4	153	0.00
14 T	Allyl chloride	50.000	51.602	-3.2	118	0.00
15 T	Acrylonitrile	250.000	296.080	-18.4	123	0.00
16 T	Acetone	250.000	231.779	7.3	115	0.00
17 T	Carbon Disulfide	50.000	45.333	9.3	103	0.00
18 T	Methyl Acetate	50.000	53.210	-6.4	124	0.00
19 T	Methyl tert-butyl Ether	50.000	58.276	-16.6	117	0.00
20 T	Methylene Chloride	50.000	67.560	-35.1#	131	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.663	-7.3	110	0.00
22 T	Diisopropyl ether	50.000	63.299	-26.6#	122	0.00
23 T	Vinyl Acetate	250.000	316.009	-26.4#	143	0.00
24 P	1,1-Dichloroethane	50.000	56.414	-12.8	116	0.00
25 T	2-Butanone	250.000	277.607	-11.0	114	0.00
26 T	2,2-Dichloropropane	50.000	52.521	-5.0	110	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.409	-8.8	112	0.00
28 T	Bromochloromethane	50.000	54.586	-9.2	117	0.00
29 T	Tetrahydrofuran	250.000	298.334	-19.3	120	0.00
30 C	Chloroform	50.000	54.734	-9.5#	112	0.00
31 T	Cyclohexane	50.000	52.382	-4.8	114	0.00
32 T	1,1,1-Trichloroethane	50.000	53.484	-7.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	39.213	21.6	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35 S	Dibromofluoromethane	50.000	37.695	24.6	92	0.00
36 T	1,1-Dichloropropene	50.000	51.779	-3.6	113	0.00
37 T	Ethyl Acetate	50.000	53.681	-7.4	130	0.00
38 T	Carbon Tetrachloride	50.000	50.144	-0.3	112	0.00
39 T	Methylcyclohexane	50.000	49.596	0.8	108	0.00
40 TM	Benzene	50.000	53.965	-7.9	116	0.00
41 T	Methacrylonitrile	50.000	63.045	-26.1#	119	0.00
42 TM	1,2-Dichloroethane	50.000	53.032	-6.1	115	0.00
43 T	Isopropyl Acetate	50.000	55.208	-10.4	121	0.00
44 TM	Trichloroethene	50.000	49.763	0.5	109	0.00
45 C	1,2-Dichloropropane	50.000	54.199	-8.4#	117	0.00
46 T	Dibromomethane	50.000	52.122	-4.2	113	0.00
47 T	Bromodichloromethane	50.000	55.016	-10.0	120	0.00
48 T	Methyl methacrylate	50.000	53.831	-7.7	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	928.888	7.1	103	0.00
50 S	Toluene-d8	50.000	36.180	27.6#	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.455	-14.2	119	0.00
52 CM	Toluene	50.000	52.809	-5.6#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	52.579	-5.2	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.994	-8.0	115	0.00
55 T	1,1,2-Trichloroethane	50.000	53.323	-6.6	115	0.00
56 T	Ethyl methacrylate	50.000	56.764	-13.5	117	0.00
57 T	1,3-Dichloropropane	50.000	53.058	-6.1	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.788	-14.7	120	0.00
59 T	2-Hexanone	250.000	268.045	-7.2	111	0.00
60 T	Dibromochloromethane	50.000	52.239	-4.5	114	0.00
61 T	1,2-Dibromoethane	50.000	52.794	-5.6	114	0.00
62 S	4-Bromofluorobenzene	50.000	38.461	23.1	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	47.757	4.5	106	0.00
65 PM	Chlorobenzene	50.000	50.749	-1.5	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.466	1.1	109	0.00
67 C	Ethyl Benzene	50.000	52.789	-5.6#	111	0.00
68 T	m/p-Xylenes	100.000	105.374	-5.4	110	0.00
69 T	o-Xylene	50.000	52.760	-5.5	110	0.00
70 T	Styrene	50.000	54.564	-9.1	110	0.00
71 P	Bromoform	50.000	48.436	3.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	57.003	-14.0	110	0.00
74 T	N-amyl acetate	50.000	58.982	-18.0	118	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.890	-11.8	114	0.00
76 T	1,2,3-Trichloropropane	50.000	57.088	-14.2	114	0.00
77 T	Bromobenzene	50.000	53.110	-6.2	105	0.00
78 T	n-propylbenzene	50.000	56.841	-13.7	109	0.00
79 T	2-Chlorotoluene	50.000	56.684	-13.4	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.422	-12.8	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.809	-15.6	113	0.00
82 T	4-Chlorotoluene	50.000	57.209	-14.4	112	0.00
83 T	tert-Butylbenzene	50.000	55.364	-10.7	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.437	-14.9	108	0.00
85 T	sec-Butylbenzene	50.000	56.391	-12.8	110	0.00
86 T	p-Isopropyltoluene	50.000	54.763	-9.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	51.330	-2.7	102	0.00
88 T	1,4-Dichlorobenzene	50.000	50.628	-1.3	103	0.00
89 T	n-Butylbenzene	50.000	56.753	-13.5	110	0.00
90 T	Hexachloroethane	50.000	54.139	-8.3	108	0.00
91 T	1,2-Dichlorobenzene	50.000	52.919	-5.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.437	-18.9	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.714	-1.4	101	0.00
94 T	Hexachlorobutadiene	50.000	48.137	3.7	100	0.00
95 T	Naphthalene	50.000	54.823	-9.6	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.714	-1.4	100	0.00

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