

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078039.D
 Acq On : 21 Dec 2023 22:02
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 05:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	44.902	10.2	68	0.00
3 P	Chloromethane	50.000	54.113	-8.2	81	0.00
4 C	Vinyl Chloride	50.000	57.543	-15.1#	82	0.00
5 T	Bromomethane	50.000	82.219	-64.4#	116	0.00
6 T	Chloroethane	50.000	63.397	-26.8#	91	0.00
7 T	Trichlorofluoromethane	50.000	51.774	-3.5	74	0.01
8 T	Diethyl Ether	50.000	58.606	-17.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.200	-8.4	77	0.01
10 T	Methyl Iodide	50.000	73.310	-46.6#	111	0.00
11 T	Tert butyl alcohol	250.000	258.638	-3.5	77	0.00
12 CM	1,1-Dichloroethene	50.000	55.597	-11.2#	79	0.01
13 T	Acrolein	250.000	213.863	14.5	63	0.00
14 T	Allyl chloride	50.000	52.628	-5.3	76	0.01
15 T	Acrylonitrile	250.000	282.893	-13.2	82	0.00
16 T	Acetone	250.000	252.887	-1.2	80	0.00
17 T	Carbon Disulfide	50.000	45.498	9.0	66	0.00
18 T	Methyl Acetate	50.000	64.913	-29.8#	95	0.00
19 T	Methyl tert-butyl Ether	50.000	61.198	-22.4	88	0.00
20 T	Methylene Chloride	50.000	64.222	-28.4#	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.497	-19.0	82	0.00
22 T	Diisopropyl ether	50.000	56.628	-13.3	79	0.00
23 T	Vinyl Acetate	250.000	251.943	-0.8	71	0.00
24 P	1,1-Dichloroethane	50.000	59.707	-19.4	85	0.00
25 T	2-Butanone	250.000	264.900	-6.0	82	0.00
26 T	2,2-Dichloropropane	50.000	56.911	-13.8	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	63.784	-27.6#	89	0.00
28 T	Bromochloromethane	50.000	56.310	-12.6	80	0.00
29 T	Tetrahydrofuran	250.000	266.173	-6.5	78	0.00
30 C	Chloroform	50.000	63.430	-26.9#	90	0.00
31 T	Cyclohexane	50.000	46.072	7.9	67	0.00
32 T	1,1,1-Trichloroethane	50.000	59.504	-19.0	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.720	-7.4	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	56.303	-12.6	83	0.00
36 T	1,1-Dichloropropene	50.000	54.032	-8.1	79	0.00
37 T	Ethyl Acetate	50.000	45.792	8.4	77	0.00
38 T	Carbon Tetrachloride	50.000	54.504	-9.0	80	0.00
39 T	Methylcyclohexane	50.000	50.757	-1.5	72	0.00
40 TM	Benzene	50.000	58.255	-16.5	86	0.00
41 T	Methacrylonitrile	50.000	50.811	-1.6	83	0.00
42 TM	1,2-Dichloroethane	50.000	59.326	-18.7	88	0.00
43 T	Isopropyl Acetate	50.000	53.231	-6.5	82	0.00
44 TM	Trichloroethene	50.000	58.715	-17.4	85	0.00
45 C	1,2-Dichloropropane	50.000	60.240	-20.5#	89	0.00
46 T	Dibromomethane	50.000	62.832	-25.7#	93	0.00
47 T	Bromodichloromethane	50.000	62.268	-24.5	91	0.00
48 T	Methyl methacrylate	50.000	51.218	-2.4	77	0.00

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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	1087.682	-8.8	92	0.00
50 S	Toluene-d8	50.000	55.124	-10.2	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.602	-8.6	81	0.00
52 CM	Toluene	50.000	60.604	-21.2#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	60.423	-20.8	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.717	-19.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	61.699	-23.4	91	0.00
56 T	Ethyl methacrylate	50.000	60.252	-20.5	89	0.00
57 T	1,3-Dichloropropane	50.000	62.257	-24.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.941	7.6	75	0.00
59 T	2-Hexanone	250.000	234.095	6.4	80	0.00
60 T	Dibromochloromethane	50.000	65.982	-32.0#	97	0.00
61 T	1,2-Dibromoethane	50.000	62.926	-25.9#	95	0.00
62 S	4-Bromofluorobenzene	50.000	55.380	-10.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	59.148	-18.3	86	0.00
65 PM	Chlorobenzene	50.000	58.408	-16.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.078	-26.2#	93	0.00
67 C	Ethyl Benzene	50.000	59.817	-19.6#	87	0.00
68 T	m/p-Xylenes	100.000	123.303	-23.3	88	0.00
69 T	o-Xylene	50.000	62.300	-24.6	90	0.00
70 T	Styrene	50.000	63.610	-27.2#	91	0.00
71 P	Bromoform	50.000	63.266	-26.5#	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	58.293	-16.6	88	0.00
74 T	N-amyl acetate	50.000	47.519	5.0	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.944	-17.9	92	0.00
76 T	1,2,3-Trichloropropane	50.000	61.197	-22.4	83	0.00
77 T	Bromobenzene	50.000	58.374	-16.7	91	0.00
78 T	n-propylbenzene	50.000	57.779	-15.6	86	0.00
79 T	2-Chlorotoluene	50.000	58.712	-17.4	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.312	-16.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.330	-10.7	88	0.00
82 T	4-Chlorotoluene	50.000	58.987	-18.0	90	0.00
83 T	tert-Butylbenzene	50.000	60.696	-21.4	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.623	-19.2	89	0.00
85 T	sec-Butylbenzene	50.000	58.759	-17.5	87	0.00
86 T	p-Isopropyltoluene	50.000	59.837	-19.7	87	0.00
87 T	1,3-Dichlorobenzene	50.000	60.470	-20.9	92	0.00
88 T	1,4-Dichlorobenzene	50.000	58.337	-16.7	89	0.00
89 T	n-Butylbenzene	50.000	57.391	-14.8	83	0.00
90 T	Hexachloroethane	50.000	63.822	-27.6#	96	0.00
91 T	1,2-Dichlorobenzene	50.000	59.215	-18.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.520	-17.0	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.074	-10.1	89	0.00
94 T	Hexachlorobutadiene	50.000	53.482	-7.0	81	0.00
95 T	Naphthalene	50.000	59.670	-19.3	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.988	-14.0	90	0.00

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