

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076481.D
 Acq On : 19 Jun 2023 20:47
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 05:29:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	51.720	-3.4	99	0.00
3 P	Chloromethane	50.000	55.689	-11.4	102	0.00
4 C	Vinyl Chloride	50.000	54.251	-8.5#	97	0.00
5 T	Bromomethane	50.000	43.056	13.9	82	0.00
6 T	Chloroethane	50.000	54.023	-8.0	98	0.00
7 T	Trichlorofluoromethane	50.000	54.206	-8.4	105	0.00
8 T	Diethyl Ether	50.000	51.105	-2.2	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.580	-9.2	103	0.00
10 T	Methyl Iodide	50.000	54.142	-8.3	90	0.00
11 T	Tert butyl alcohol	250.000	261.442	-4.6	95	0.00
12 CM	1,1-Dichloroethene	50.000	53.911	-7.8#	98	0.00
13 T	Acrolein	250.000	206.871	17.3	74	0.00
14 T	Allyl chloride	50.000	51.175	-2.3	90	0.00
15 T	Acrylonitrile	250.000	282.483	-13.0	94	0.00
16 T	Acetone	250.000	226.952	9.2	73	0.00
17 T	Carbon Disulfide	50.000	53.072	-6.1	95	0.00
18 T	Methyl Acetate	50.000	55.102	-10.2	92	0.00
19 T	Methyl tert-butyl Ether	50.000	54.056	-8.1	91	0.00
20 T	Methylene Chloride	50.000	57.243	-14.5	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.724	-3.4	91	-0.01
22 T	Diisopropyl ether	50.000	53.575	-7.2	90	0.00
23 T	Vinyl Acetate	250.000	273.581	-9.4	89	0.00
24 P	1,1-Dichloroethane	50.000	54.794	-9.6	95	-0.01
25 T	2-Butanone	250.000	270.856	-8.3	89	0.00
26 T	2,2-Dichloropropane	50.000	47.573	4.9	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.827	-9.7	93	0.00
28 T	Bromochloromethane	50.000	48.941	2.1	82	0.00
29 T	Tetrahydrofuran	250.000	272.476	-9.0	91	0.00
30 C	Chloroform	50.000	54.384	-8.8#	94	0.00
31 T	Cyclohexane	50.000	58.032	-16.1	105	0.00
32 T	1,1,1-Trichloroethane	50.000	56.262	-12.5	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.752	12.5	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	47.200	5.6	77	0.00
36 T	1,1-Dichloropropene	50.000	56.619	-13.2	99	0.00
37 T	Ethyl Acetate	50.000	52.740	-5.5	89	0.00
38 T	Carbon Tetrachloride	50.000	58.333	-16.7	100	0.00
39 T	Methylcyclohexane	50.000	58.449	-16.9	104	0.00
40 TM	Benzene	50.000	57.099	-14.2	95	0.00
41 T	Methacrylonitrile	50.000	50.004	-0.0	79	0.00
42 TM	1,2-Dichloroethane	50.000	57.109	-14.2	91	0.00
43 T	Isopropyl Acetate	50.000	58.048	-16.1	94	0.00
44 TM	Trichloroethene	50.000	55.534	-11.1	95	0.00
45 C	1,2-Dichloropropane	50.000	57.772	-15.5#	95	0.00
46 T	Dibromomethane	50.000	57.561	-15.1	92	0.00
47 T	Bromodichloromethane	50.000	56.632	-13.3	93	0.00
48 T	Methyl methacrylate	50.000	60.988	-22.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1186.760	-18.7	98	0.00
50 S	Toluene-d8	50.000	45.391	9.2	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	299.298	-19.7	94	0.00
52 CM	Toluene	50.000	57.661	-15.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	56.164	-12.3	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.894	-9.8	89	0.00
55 T	1,1,2-Trichloroethane	50.000	57.701	-15.4	94	0.00
56 T	Ethyl methacrylate	50.000	59.655	-19.3	94	0.00
57 T	1,3-Dichloropropane	50.000	57.971	-15.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.978	-4.4	88	0.00
59 T	2-Hexanone	250.000	294.473	-17.8	92	0.00
60 T	Dibromochloromethane	50.000	60.669	-21.3	97	0.00
61 T	1,2-Dibromoethane	50.000	57.649	-15.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	45.604	8.8	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	60.101	-20.2	105	0.00
65 PM	Chlorobenzene	50.000	56.350	-12.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.102	-16.2	96	0.00
67 C	Ethyl Benzene	50.000	56.754	-13.5#	97	0.00
68 T	m/p-Xylenes	100.000	111.634	-11.6	96	0.00
69 T	o-Xylene	50.000	57.606	-15.2	98	0.00
70 T	Styrene	50.000	56.898	-13.8	97	0.00
71 P	Bromoform	50.000	57.545	-15.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	54.690	-9.4	99	0.00
74 T	N-ethyl acetate	50.000	55.115	-10.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.458	-14.9	97	0.00
76 T	1,2,3-Trichloropropane	50.000	62.126	-24.3	115	0.00
77 T	Bromobenzene	50.000	55.257	-10.5	99	0.00
78 T	n-propylbenzene	50.000	55.586	-11.2	102	0.00
79 T	2-Chlorotoluene	50.000	54.210	-8.4	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.537	-9.1	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.786	-5.6	88	0.00
82 T	4-Chlorotoluene	50.000	54.796	-9.6	98	0.00
83 T	tert-Butylbenzene	50.000	55.644	-11.3	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.984	-10.0	98	0.00
85 T	sec-Butylbenzene	50.000	57.341	-14.7	105	0.00
86 T	p-Isopropyltoluene	50.000	55.817	-11.6	102	0.00
87 T	1,3-Dichlorobenzene	50.000	54.657	-9.3	97	0.00
88 T	1,4-Dichlorobenzene	50.000	53.510	-7.0	97	0.00
89 T	n-Butylbenzene	50.000	54.505	-9.0	100	0.00
90 T	Hexachloroethane	50.000	56.036	-12.1	101	0.00
91 T	1,2-Dichlorobenzene	50.000	56.477	-13.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.154	-14.3	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.277	-8.6	97	0.00
94 T	Hexachlorobutadiene	50.000	55.446	-10.9	103	0.00
95 T	Naphthalene	50.000	55.013	-10.0	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.088	-12.2	99	0.00

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