

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011624\
 Data File : VD078168.D
 Acq On : 16 Jan 2024 10:42
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 17 04:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	51.271	-2.5	85	0.00
3 P	Chloromethane	50.000	51.405	-2.8	92	0.00
4 C	Vinyl Chloride	50.000	54.349	-8.7#	94	0.00
5 T	Bromomethane	50.000	50.128	-0.3	93	0.00
6 T	Chloroethane	50.000	54.947	-9.9	96	0.00
7 T	Trichlorofluoromethane	50.000	51.687	-3.4	95	0.00
8 T	Diethyl Ether	50.000	55.021	-10.0	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.142	-6.3	95	0.00
10 T	Methyl Iodide	50.000	52.722	-5.4	89	0.00
11 T	Tert butyl alcohol	250.000	300.259	-20.1	112	0.00
12 CM	1,1-Dichloroethene	50.000	54.985	-10.0#	94	0.00
13 T	Acrolein	250.000	226.250	9.5	81	0.00
14 T	Allyl chloride	50.000	58.419	-16.8	104	0.00
15 T	Acrylonitrile	250.000	288.459	-15.4	98	0.00
16 T	Acetone	250.000	289.768	-15.9	106	0.00
17 T	Carbon Disulfide	50.000	51.905	-3.8	89	0.00
18 T	Methyl Acetate	50.000	62.927	-25.9#	103	0.01
19 T	Methyl tert-butyl Ether	50.000	56.715	-13.4	98	0.00
20 T	Methylene Chloride	50.000	58.662	-17.3	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.821	-13.6	98	-0.01
22 T	Diisopropyl ether	50.000	58.154	-16.3	99	0.00
23 T	Vinyl Acetate	250.000	283.676	-13.5	98	0.00
24 P	1,1-Dichloroethane	50.000	57.473	-14.9	103	0.00
25 T	2-Butanone	250.000	267.395	-7.0	105	0.00
26 T	2,2-Dichloropropane	50.000	57.035	-14.1	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.230	-12.5	97	0.00
28 T	Bromochloromethane	50.000	60.554	-21.1	97	0.00
29 T	Tetrahydrofuran	250.000	267.333	-6.9	93	0.00
30 C	Chloroform	50.000	56.752	-13.5#	99	0.00
31 T	Cyclohexane	50.000	49.533	0.9	92	0.00
32 T	1,1,1-Trichloroethane	50.000	56.244	-12.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.846	-11.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	53.488	-7.0	104	0.00
36 T	1,1-Dichloropropene	50.000	55.042	-10.1	97	0.00
37 T	Ethyl Acetate	50.000	44.984	10.0	85	0.00
38 T	Carbon Tetrachloride	50.000	52.529	-5.1	94	0.00
39 T	Methylcyclohexane	50.000	52.783	-5.6	95	0.00
40 TM	Benzene	50.000	54.550	-9.1	97	0.00
41 T	Methacrylonitrile	50.000	55.880	-11.8	101	0.00
42 TM	1,2-Dichloroethane	50.000	52.865	-5.7	96	0.00
43 T	Isopropyl Acetate	50.000	52.398	-4.8	96	0.00
44 TM	Trichloroethene	50.000	51.792	-3.6	92	0.00
45 C	1,2-Dichloropropane	50.000	55.767	-11.5#	98	0.00
46 T	Dibromomethane	50.000	55.561	-11.1	100	0.00
47 T	Bromodichloromethane	50.000	53.894	-7.8	96	0.00
48 T	Methyl methacrylate	50.000	53.387	-6.8	97	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	1133.288	-13.3	97	0.00
50 S	Toluene-d8	50.000	56.424	-12.8	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.481	-12.2	102	0.00
52 CM	Toluene	50.000	55.128	-10.3#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	55.399	-10.8	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.132	-14.3	98	0.00
55 T	1,1,2-Trichloroethane	50.000	54.758	-9.5	99	0.00
56 T	Ethyl methacrylate	50.000	56.085	-12.2	101	0.00
57 T	1,3-Dichloropropane	50.000	55.102	-10.2	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	296.037	-18.4	100	0.00
59 T	2-Hexanone	250.000	272.073	-8.8	103	0.00
60 T	Dibromochloromethane	50.000	52.257	-4.5	94	0.00
61 T	1,2-Dibromoethane	50.000	52.308	-4.6	96	0.00
62 S	4-Bromofluorobenzene	50.000	50.455	-0.9	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	50.152	-0.3	91	0.00
65 PM	Chlorobenzene	50.000	53.177	-6.4	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.893	-3.8	93	0.00
67 C	Ethyl Benzene	50.000	55.396	-10.8#	98	0.00
68 T	m/p-Xylenes	100.000	109.870	-9.9	96	0.00
69 T	o-Xylene	50.000	55.347	-10.7	96	0.00
70 T	Styrene	50.000	55.960	-11.9	97	0.00
71 P	Bromoform	50.000	52.089	-4.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	56.375	-12.8	96	0.00
74 T	N-amyl acetate	50.000	53.841	-7.7	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.490	-7.0	98	0.00
76 T	1,2,3-Trichloropropane	50.000	52.248	-4.5	91	0.00
77 T	Bromobenzene	50.000	53.551	-7.1	96	0.00
78 T	n-propylbenzene	50.000	57.145	-14.3	98	0.00
79 T	2-Chlorotoluene	50.000	56.811	-13.6	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.767	-11.5	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.867	-11.7	99	0.00
82 T	4-Chlorotoluene	50.000	56.148	-12.3	99	0.00
83 T	tert-Butylbenzene	50.000	55.078	-10.2	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.053	-14.1	96	0.00
85 T	sec-Butylbenzene	50.000	56.574	-13.1	95	0.00
86 T	p-Isopropyltoluene	50.000	55.526	-11.1	93	0.00
87 T	1,3-Dichlorobenzene	50.000	53.709	-7.4	92	0.00
88 T	1,4-Dichlorobenzene	50.000	53.056	-6.1	92	0.00
89 T	n-Butylbenzene	50.000	56.988	-14.0	97	0.00
90 T	Hexachloroethane	50.000	54.109	-8.2	95	0.00
91 T	1,2-Dichlorobenzene	50.000	53.871	-7.7	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.754	-3.5	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.466	-4.9	92	0.00
94 T	Hexachlorobutadiene	50.000	50.956	-1.9	92	0.00
95 T	Naphthalene	50.000	56.699	-13.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.386	-8.8	95	0.00

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