

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069229.D
 Acq On : 20 May 2021 20:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 21 00:57:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	44.926	10.1	79	0.00
3 P	Chloromethane	50.000	48.886	2.2	89	0.00
4 C	Vinyl Chloride	50.000	47.974	4.1#	82	0.00
5 T	Bromomethane	50.000	44.026	11.9	83	0.00
6 T	Chloroethane	50.000	51.446	-2.9	87	0.00
7 T	Trichlorofluoromethane	50.000	46.482	7.0	83	0.00
8 T	Diethyl Ether	50.000	54.293	-8.6	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.954	2.1	85	0.00
10 T	Methyl Iodide	50.000	43.590	12.8	71	0.00
11 T	Tert butyl alcohol	250.000	360.649	-44.3#	115	0.00
12 CM	1,1-Dichloroethene	50.000	48.450	3.1#	80	0.00
13 T	Acrolein	250.000	258.789	-3.5	84	0.00
14 T	Allyl chloride	50.000	49.986	0.0	84	0.00
15 T	Acrylonitrile	250.000	294.429	-17.8	97	0.00
16 T	Acetone	250.000	235.170	5.9	76	0.00
17 T	Carbon Disulfide	50.000	46.803	6.4	81	-0.01
18 T	Methyl Acetate	50.000	61.329	-22.7	100	0.00
19 T	Methyl tert-butyl Ether	50.000	56.138	-12.3	89	0.00
20 T	Methylene Chloride	50.000	57.259	-14.5	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.810	0.4	84	0.00
22 T	Diisopropyl ether	50.000	56.369	-12.7	90	0.00
23 T	Vinyl Acetate	250.000	294.150	-17.7	90	0.00
24 P	1,1-Dichloroethane	50.000	51.518	-3.0	87	0.00
25 T	2-Butanone	250.000	281.399	-12.6	91	0.00
26 T	2,2-Dichloropropane	50.000	46.456	7.1	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.308	-2.6	88	0.00
28 T	Bromochloromethane	50.000	54.965	-9.9	94	0.00
29 T	Tetrahydrofuran	250.000	305.682	-22.3	95	0.00
30 C	Chloroform	50.000	53.035	-6.1#	90	0.00
31 T	Cyclohexane	50.000	45.604	8.8	81	0.00
32 T	1,1,1-Trichloroethane	50.000	51.296	-2.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.968	-3.9	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	52.560	-5.1	93	0.00
36 T	1,1-Dichloropropene	50.000	51.834	-3.7	84	0.00
37 T	Ethyl Acetate	50.000	58.286	-16.6	94	0.00
38 T	Carbon Tetrachloride	50.000	51.296	-2.6	85	-0.01
39 T	Methylcyclohexane	50.000	51.497	-3.0	81	0.00
40 TM	Benzene	50.000	54.413	-8.8	90	0.00
41 T	Methacrylonitrile	50.000	59.748	-19.5	101	0.00
42 TM	1,2-Dichloroethane	50.000	57.817	-15.6	93	0.00
43 T	Isopropyl Acetate	50.000	62.326	-24.7	98	0.00
44 TM	Trichloroethene	50.000	52.340	-4.7	85	0.00
45 C	1,2-Dichloropropane	50.000	55.903	-11.8#	93	0.00
46 T	Dibromomethane	50.000	57.266	-14.5	93	0.00
47 T	Bromodichloromethane	50.000	57.257	-14.5	92	0.00
48 T	Methyl methacrylate	50.000	60.273	-20.5	95	0.00

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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)
49 T	1,4-Dioxane	1000.000	1242.789	-24.3	96	0.00
50 S	Toluene-d8	50.000	50.975	-2.0	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	326.643	-30.7#	100	0.00
52 CM	Toluene	50.000	58.876	-17.8#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	58.738	-17.5	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.422	-10.8	90	0.00
55 T	1,1,2-Trichloroethane	50.000	59.067	-18.1	96	0.00
56 T	Ethyl methacrylate	50.000	61.495	-23.0	100	0.00
57 T	1,3-Dichloropropane	50.000	59.182	-18.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	312.518	-25.0#	96	0.00
59 T	2-Hexanone	250.000	329.290	-31.7#	99	0.00
60 T	Dibromochloromethane	50.000	58.261	-16.5	94	0.00
61 T	1,2-Dibromoethane	50.000	58.589	-17.2	93	0.00
62 S	4-Bromofluorobenzene	50.000	53.614	-7.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	51.507	-3.0	88	0.00
65 PM	Chlorobenzene	50.000	52.193	-4.4	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.025	-8.0	93	0.00
67 C	Ethyl Benzene	50.000	55.138	-10.3#	91	0.00
68 T	m/p-Xylenes	100.000	107.959	-8.0	89	0.00
69 T	o-Xylene	50.000	58.177	-16.4	92	0.00
70 T	Styrene	50.000	58.690	-17.4	95	0.00
71 P	Bromoform	50.000	57.552	-15.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	52.028	-4.1	87	0.00
74 T	N-amyl acetate	50.000	57.842	-15.7	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.478	-11.0	95	0.00
76 T	1,2,3-Trichloropropane	50.000	67.826	-35.7#	109	0.00
77 T	Bromobenzene	50.000	53.512	-7.0	92	0.00
78 T	n-propylbenzene	50.000	52.327	-4.7	87	0.00
79 T	2-Chlorotoluene	50.000	54.352	-8.7	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.520	-15.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.483	-9.0	94	0.00
82 T	4-Chlorotoluene	50.000	56.461	-12.9	97	0.00
83 T	tert-Butylbenzene	50.000	55.722	-11.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.518	-9.0	90	0.00
85 T	sec-Butylbenzene	50.000	52.679	-5.4	87	0.00
86 T	p-Isopropyltoluene	50.000	53.505	-7.0	88	0.00
87 T	1,3-Dichlorobenzene	50.000	53.638	-7.3	93	0.00
88 T	1,4-Dichlorobenzene	50.000	53.553	-7.1	95	0.00
89 T	n-Butylbenzene	50.000	51.823	-3.6	84	0.00
90 T	Hexachloroethane	50.000	51.193	-2.4	90	0.00
91 T	1,2-Dichlorobenzene	50.000	53.952	-7.9	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.243	-12.5	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.499	-5.0	90	0.00
94 T	Hexachlorobutadiene	50.000	50.299	-0.6	88	0.00
95 T	Naphthalene	50.000	52.620	-5.2	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.169	-16.3	97	0.00

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