

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD072003.D
 Acq On : 16 Feb 2022 20:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 17 00:52:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 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	68	0.00
2 T	Dichlorodifluoromethane	50.000	46.449	7.1	66	0.00
3 P	Chloromethane	50.000	52.272	-4.5	75	0.00
4 C	Vinyl Chloride	50.000	57.360	-14.7#	79	0.00
5 T	Bromomethane	50.000	58.812	-17.6	85	0.00
6 T	Chloroethane	50.000	61.558	-23.1	85	0.00
7 T	Trichlorofluoromethane	50.000	50.719	-1.4	69	0.00
8 T	Diethyl Ether	50.000	55.454	-10.9	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.628	-3.3	70	0.00
10 T	Methyl Iodide	50.000	52.471	-4.9	64	0.00
11 T	Tert butyl alcohol	250.000	251.020	-0.4	65	0.00
12 CM	1,1-Dichloroethene	50.000	51.026	-2.1#	66	0.00
13 T	Acrolein	250.000	200.798	19.7	59	0.00
14 T	Allyl chloride	50.000	57.022	-14.0	75	0.00
15 T	Acrylonitrile	250.000	308.922	-23.6	80	0.00
16 T	Acetone	250.000	252.312	-0.9	62	0.00
17 T	Carbon Disulfide	50.000	45.317	9.4	61	0.00
18 T	Methyl Acetate	50.000	55.191	-10.4	76	0.00
19 T	Methyl tert-butyl Ether	50.000	60.044	-20.1	76	0.00
20 T	Methylene Chloride	50.000	57.039	-14.1	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.369	-6.7	70	0.00
22 T	Diisopropyl ether	50.000	62.634	-25.3#	79	0.00
23 T	Vinyl Acetate	250.000	325.675	-30.3#	78	0.00
24 P	1,1-Dichloroethane	50.000	58.251	-16.5	76	0.00
25 T	2-Butanone	250.000	297.575	-19.0	74	0.00
26 T	2,2-Dichloropropane	50.000	55.422	-10.8	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.250	-16.5	76	0.00
28 T	Bromochloromethane	50.000	53.392	-6.8	69	0.00
29 T	Tetrahydrofuran	250.000	320.134	-28.1#	81	0.00
30 C	Chloroform	50.000	57.248	-14.5#	76	0.00
31 T	Cyclohexane	50.000	50.583	-1.2	70	0.00
32 T	1,1,1-Trichloroethane	50.000	55.955	-11.9	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.458	-10.9	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	54.113	-8.2	77	0.00
36 T	1,1-Dichloropropene	50.000	53.113	-6.2	72	0.00
37 T	Ethyl Acetate	50.000	59.608	-19.2	80	0.00
38 T	Carbon Tetrachloride	50.000	53.169	-6.3	73	0.00
39 T	Methylcyclohexane	50.000	52.141	-4.3	70	0.00
40 TM	Benzene	50.000	55.171	-10.3	75	0.00
41 T	Methacrylonitrile	50.000	48.034	3.9	60	0.00
42 TM	1,2-Dichloroethane	50.000	57.852	-15.7	78	0.00
43 T	Isopropyl Acetate	50.000	62.485	-25.0	82	0.00
44 TM	Trichloroethene	50.000	51.769	-3.5	72	0.00
45 C	1,2-Dichloropropane	50.000	57.343	-14.7#	78	0.00
46 T	Dibromomethane	50.000	58.627	-17.3	78	0.00
47 T	Bromodichloromethane	50.000	57.260	-14.5	77	0.00
48 T	Methyl methacrylate	50.000	60.557	-21.1	81	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	1083.568	-8.4	71	0.00
50 S	Toluene-d8	50.000	51.012	-2.0	71	0.00
51 T	4-Methyl-2-Pentanone	250.000	316.083	-26.4#	82	0.00
52 CM	Toluene	50.000	56.693	-13.4#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	54.563	-9.1	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.274	-8.5	73	0.00
55 T	1,1,2-Trichloroethane	50.000	57.046	-14.1	77	0.00
56 T	Ethyl methacrylate	50.000	60.272	-20.5	76	0.00
57 T	1,3-Dichloropropane	50.000	58.706	-17.4	78	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.441	-11.8	72	0.00
59 T	2-Hexanone	250.000	298.514	-19.4	75	0.00
60 T	Dibromochloromethane	50.000	57.219	-14.4	76	0.00
61 T	1,2-Dibromoethane	50.000	56.766	-13.5	76	0.00
62 S	4-Bromofluorobenzene	50.000	54.687	-9.4	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64 T	Tetrachloroethene	50.000	48.369	3.3	70	0.00
65 PM	Chlorobenzene	50.000	53.450	-6.9	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.440	-10.9	79	0.00
67 C	Ethyl Benzene	50.000	55.089	-10.2#	76	0.00
68 T	m/p-Xylenes	100.000	110.064	-10.1	76	0.00
69 T	o-Xylene	50.000	57.002	-14.0	78	0.00
70 T	Styrene	50.000	57.110	-14.2	78	0.00
71 P	Bromoform	50.000	55.196	-10.4	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	50.834	-1.7	77	0.00
74 T	N-amyl acetate	50.000	58.997	-18.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.150	-4.3	82	0.00
76 T	1,2,3-Trichloropropane	50.000	47.752	4.5	77	0.00
77 T	Bromobenzene	50.000	48.900	2.2	76	0.00
78 T	n-propylbenzene	50.000	51.413	-2.8	77	0.00
79 T	2-Chlorotoluene	50.000	50.629	-1.3	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.633	-3.3	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	42.116	15.8	64	0.00
82 T	4-Chlorotoluene	50.000	50.182	-0.4	77	0.00
83 T	tert-Butylbenzene	50.000	51.876	-3.8	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.486	-5.0	78	0.00
85 T	sec-Butylbenzene	50.000	51.571	-3.1	78	0.00
86 T	p-Isopropyltoluene	50.000	52.841	-5.7	78	0.00
87 T	1,3-Dichlorobenzene	50.000	50.217	-0.4	78	0.00
88 T	1,4-Dichlorobenzene	50.000	49.254	1.5	77	0.00
89 T	n-Butylbenzene	50.000	51.859	-3.7	78	0.00
90 T	Hexachloroethane	50.000	49.976	0.0	78	0.00
91 T	1,2-Dichlorobenzene	50.000	50.114	-0.2	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.376	3.2	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.950	2.1	75	0.00
94 T	Hexachlorobutadiene	50.000	47.390	5.2	76	0.00
95 T	Naphthalene	50.000	52.892	-5.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.368	-0.7	76	0.00

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