

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072920\
 Data File : VD066099.D
 Acq On : 29 Jul 2020 19:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 30 02:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	54	0.00
2 T	Dichlorodifluoromethane	50.000	39.775	20.5#	46	0.00
3 P	Chloromethane	50.000	42.842	14.3	49	0.00
4 C	Vinyl Chloride	50.000	44.870	10.3#	50	0.00
5 T	Bromomethane	50.000	52.510	-5.0	51	0.00
6 T	Chloroethane	50.000	51.261	-2.5	55	0.00
7 T	Trichlorofluoromethane	50.000	49.668	0.7	54	0.00
8 T	Diethyl Ether	50.000	50.029	-0.1	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.502	7.0	50	0.00
10 T	Methyl Iodide	50.000	51.919	-3.8	66	0.00
11 T	Tert butyl alcohol	250.000	281.203	-12.5	59	-0.01
12 CM	1,1-Dichloroethene	50.000	47.439	5.1#	51	0.00
13 T	Acrolein	250.000	197.530	21.0#	49	0.00
14 T	Allyl chloride	50.000	44.941	10.1	47	0.00
15 T	Acrylonitrile	250.000	254.593	-1.8	55	0.00
16 T	Acetone	250.000	212.657	14.9	44	0.00
17 T	Carbon Disulfide	50.000	42.459	15.1	46	0.00
18 T	Methyl Acetate	50.000	48.495	3.0	55	0.00
19 T	Methyl tert-butyl Ether	50.000	58.594	-17.2	63	0.00
20 T	Methylene Chloride	50.000	52.989	-6.0	57	-0.01
21 T	trans-1,2-Dichloroethene	50.000	51.161	-2.3	55	0.00
22 T	Diisopropyl ether	50.000	51.776	-3.6	54	0.00
23 T	Vinyl Acetate	250.000	264.535	-5.8	55	0.00
24 P	1,1-Dichloroethane	50.000	52.975	-6.0	56	0.00
25 T	2-Butanone	250.000	236.147	5.5	50	0.00
26 T	2,2-Dichloropropane	50.000	49.745	0.5	53	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.801	-7.6	57	0.00
28 T	Bromochloromethane	50.000	52.829	-5.7	62	0.00
29 T	Tetrahydrofuran	250.000	247.459	1.0	53	0.00
30 C	Chloroform	50.000	57.629	-15.3#	62	0.00
31 T	Cyclohexane	50.000	41.574	16.9	46	0.00
32 T	1,1,1-Trichloroethane	50.000	55.833	-11.7	60	0.00
33 S	1,2-Dichloroethane-d4	50.000	59.854	-19.7	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	58	0.00
35 S	Dibromofluoromethane	50.000	51.749	-3.5	68	0.00
36 T	1,1-Dichloropropene	50.000	48.884	2.2	54	0.00
37 T	Ethyl Acetate	50.000	51.806	-3.6	59	0.00
38 T	Carbon Tetrachloride	50.000	55.213	-10.4	62	0.00
39 T	Methylcyclohexane	50.000	45.233	9.5	49	0.00
40 TM	Benzene	50.000	50.915	-1.8	57	0.00
41 T	Methacrylonitrile	50.000	46.466	7.1	51	0.00
42 TM	1,2-Dichloroethane	50.000	57.928	-15.9	65	0.00
43 T	Isopropyl Acetate	50.000	50.933	-1.9	57	0.00
44 TM	Trichloroethene	50.000	50.937	-1.9	57	0.00
45 C	1,2-Dichloropropane	50.000	49.335	1.3#	55	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.682	-9.4	61	0.00
47 T	Bromodichloromethane	50.000	55.591	-11.2	63	0.00
48 T	Methyl methacrylate	50.000	50.202	-0.4	55	0.00
49 T	1,4-Dioxane	1000.000	1039.977	-4.0	57	0.00
50 S	Toluene-d8	50.000	52.700	-5.4	66	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.958	-3.2	57	0.00
52 CM	Toluene	50.000	54.337	-8.7#	59	0.00
53 T	t-1,3-Dichloropropene	50.000	55.298	-10.6	62	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.287	-6.6	59	0.00
55 T	1,1,2-Trichloroethane	50.000	55.863	-11.7	63	0.00
56 T	Ethyl methacrylate	50.000	56.542	-13.1	60	0.00
57 T	1,3-Dichloropropane	50.000	54.777	-9.6	62	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.495	0.6	63	0.00
59 T	2-Hexanone	250.000	257.687	-3.1	55	0.00
60 T	Dibromochloromethane	50.000	57.186	-14.4	65	0.00
61 T	1,2-Dibromoethane	50.000	56.665	-13.3	63	0.00
62 S	4-Bromofluorobenzene	50.000	56.067	-12.1	72	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64 T	Tetrachloroethene	50.000	52.125	-4.3	61	0.00
65 PM	Chlorobenzene	50.000	54.160	-8.3	63	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.328	-16.7	67	0.00
67 C	Ethyl Benzene	50.000	54.250	-8.5#	62	0.00
68 T	m/p-Xylenes	100.000	109.391	-9.4	62	0.00
69 T	o-Xylene	50.000	56.098	-12.2	63	0.00
70 T	Styrene	50.000	57.825	-15.7	65	0.00
71 P	Bromoform	50.000	59.201	-18.4	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	49.291	1.4	62	0.00
74 T	N-amyl acetate	50.000	48.059	3.9	61	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.651	6.7	62	0.00
76 T	1,2,3-Trichloropropane	50.000	47.834	4.3	66	0.00
77 T	Bromobenzene	50.000	50.628	-1.3	67	0.00
78 T	n-propylbenzene	50.000	49.786	0.4	63	0.00
79 T	2-Chlorotoluene	50.000	50.129	-0.3	65	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.158	-4.3	65	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.943	8.1	61	0.00
82 T	4-Chlorotoluene	50.000	50.962	-1.9	66	0.00
83 T	tert-Butylbenzene	50.000	51.216	-2.4	64	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.921	-5.8	67	0.00
85 T	sec-Butylbenzene	50.000	49.187	1.6	62	0.00
86 T	p-Isopropyltoluene	50.000	52.638	-5.3	66	0.00
87 T	1,3-Dichlorobenzene	50.000	51.016	-2.0	68	0.00
88 T	1,4-Dichlorobenzene	50.000	50.959	-1.9	68	0.00
89 T	n-Butylbenzene	50.000	49.387	1.2	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.243	-0.5	67	0.00
91 T	1,2-Dichlorobenzene	50.000	52.829	-5.7	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.298	-2.6	70	0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.082	-6.2	69	0.00
94 T	Hexachlorobutadiene	50.000	50.019	-0.0	65	0.00
95 T	Naphthalene	50.000	49.622	0.8	71	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.960	-5.9	69	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6