

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090120\
 Data File : VD066493.D
 Acq On : 01 Sep 2020 13:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 02 01:14:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 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	64	0.00
2 T	Dichlorodifluoromethane	50.000	50.214	-0.4	69	0.00
3 P	Chloromethane	50.000	42.368	15.3	59	0.00
4 C	Vinyl Chloride	50.000	51.589	-3.2#	70	0.00
5 T	Bromomethane	50.000	53.891	-7.8	73	-0.01
6 T	Chloroethane	50.000	50.917	-1.8	68	0.00
7 T	Trichlorofluoromethane	50.000	59.061	-18.1	79	0.00
8 T	Diethyl Ether	50.000	51.078	-2.2	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.333	-4.7	70	0.00
10 T	Methyl Iodide	50.000	49.613	0.8	61	0.00
11 T	Tert butyl alcohol	250.000	312.002	-24.8#	78	0.00
12 CM	1,1-Dichloroethene	50.000	49.780	0.4#	65	0.00
13 T	Acrolein	250.000	140.098	44.0#	37	0.00
14 T	Allyl chloride	50.000	42.460	15.1	55	0.00
15 T	Acrylonitrile	250.000	228.342	8.7	59	0.00
16 T	Acetone	250.000	278.122	-11.2	72	0.00
17 T	Carbon Disulfide	50.000	43.391	13.2	56	0.00
18 T	Methyl Acetate	50.000	45.439	9.1	60	0.00
19 T	Methyl tert-butyl Ether	50.000	54.968	-9.9	70	0.00
20 T	Methylene Chloride	50.000	51.266	-2.5	65	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.098	-0.2	67	0.00
22 T	Diisopropyl ether	50.000	43.413	13.2	55	0.00
23 T	Vinyl Acetate	250.000	231.819	7.3	57	0.00
24 P	1,1-Dichloroethane	50.000	47.795	4.4	63	0.00
25 T	2-Butanone	250.000	234.397	6.2	61	0.00
26 T	2,2-Dichloropropane	50.000	59.132	-18.3	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.588	-1.2	66	0.00
28 T	Bromochloromethane	50.000	41.147	17.7	52	0.00
29 T	Tetrahydrofuran	250.000	213.924	14.4	54	0.00
30 C	Chloroform	50.000	55.168	-10.3#	71	0.00
31 T	Cyclohexane	50.000	40.702	18.6	57	0.00
32 T	1,1,1-Trichloroethane	50.000	59.892	-19.8	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.945	-11.9	72	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35 S	Dibromofluoromethane	50.000	51.346	-2.7	62	0.00
36 T	1,1-Dichloropropene	50.000	53.708	-7.4	67	0.00
37 T	Ethyl Acetate	50.000	45.974	8.1	56	0.00
38 T	Carbon Tetrachloride	50.000	63.988	-28.0#	79	0.00
39 T	Methylcyclohexane	50.000	53.686	-7.4	63	0.00
40 TM	Benzene	50.000	51.996	-4.0	63	0.00
41 T	Methacrylonitrile	50.000	52.322	-4.6	59	-0.02
42 TM	1,2-Dichloroethane	50.000	62.418	-24.8#	76	0.00
43 T	Isopropyl Acetate	50.000	48.747	2.5	59	0.00
44 TM	Trichloroethene	50.000	54.938	-9.9	68	0.00
45 C	1,2-Dichloropropane	50.000	45.562	8.9#	55	0.00

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 Quant Title : SW846 8260
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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)
46 T	Dibromomethane	50.000	53.043	-6.1	64	0.00
47 T	Bromodichloromethane	50.000	58.780	-17.6	71	0.00
48 T	Methyl methacrylate	50.000	49.634	0.7	62	0.00
49 T	1,4-Dioxane	1000.000	1086.212	-8.6	61	0.00
50 S	Toluene-d8	50.000	53.008	-6.0	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.851	3.3	57	0.00
52 CM	Toluene	50.000	54.847	-9.7#	65	0.00
53 T	t-1,3-Dichloropropene	50.000	56.575	-13.2	68	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.207	-6.4	64	0.00
55 T	1,1,2-Trichloroethane	50.000	50.584	-1.2	62	0.00
56 T	Ethyl methacrylate	50.000	52.175	-4.3	60	0.00
57 T	1,3-Dichloropropane	50.000	50.478	-1.0	61	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.679	12.1	51	0.00
59 T	2-Hexanone	250.000	254.282	-1.7	58	0.00
60 T	Dibromochloromethane	50.000	56.976	-14.0	70	0.00
61 T	1,2-Dibromoethane	50.000	52.344	-4.7	65	0.00
62 S	4-Bromofluorobenzene	50.000	52.511	-5.0	63	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	61	0.00
64 T	Tetrachloroethene	50.000	57.541	-15.1	70	0.00
65 PM	Chlorobenzene	50.000	55.324	-10.6	66	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.229	-16.5	71	0.00
67 C	Ethyl Benzene	50.000	57.136	-14.3#	67	0.00
68 T	m/p-Xylenes	100.000	113.128	-13.1	67	0.00
69 T	o-Xylene	50.000	56.003	-12.0	68	0.00
70 T	Styrene	50.000	56.707	-13.4	68	0.00
71 P	Bromoform	50.000	55.974	-11.9	68	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
73 T	Isopropylbenzene	50.000	56.627	-13.3	71	0.00
74 T	N-amyl acetate	50.000	47.322	5.4	57	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.738	10.5	57	0.00
76 T	1,2,3-Trichloropropane	50.000	56.887	-13.8	72	0.00
77 T	Bromobenzene	50.000	53.089	-6.2	66	0.00
78 T	n-propylbenzene	50.000	53.436	-6.9	67	0.00
79 T	2-Chlorotoluene	50.000	53.584	-7.2	68	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.284	-14.6	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.449	-0.9	62	0.00
82 T	4-Chlorotoluene	50.000	54.216	-8.4	68	0.00
83 T	tert-Butylbenzene	50.000	56.534	-13.1	71	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.307	-14.6	71	0.00
85 T	sec-Butylbenzene	50.000	56.326	-12.7	70	0.00
86 T	p-Isopropyltoluene	50.000	57.475	-15.0	71	0.00
87 T	1,3-Dichlorobenzene	50.000	55.255	-10.5	70	0.00
88 T	1,4-Dichlorobenzene	50.000	54.744	-9.5	70	0.00
89 T	n-Butylbenzene	50.000	54.820	-9.6	67	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.109	-4.2	67	0.00
91 T	1,2-Dichlorobenzene	50.000	55.027	-10.1	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.628	-17.3	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.434	-12.9	70	0.00
94 T	Hexachlorobutadiene	50.000	58.601	-17.2	73	0.00
95 T	Naphthalene	50.000	58.054	-16.1	70	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.309	-12.6	69	0.00

(#) = Out of Range

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