

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042120\
 Data File : VW015297.D
 Acq On : 22 Apr 2020 06:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 22 07:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	43.160	13.7	79	0.00
3 P	Chloromethane	50.000	47.354	5.3	87	0.00
4 C	Vinyl Chloride	50.000	46.285	7.4#	84	0.00
5 T	Bromomethane	50.000	57.472	-14.9	107	-0.01
6 T	Chloroethane	50.000	47.657	4.7	90	-0.01
7 T	Trichlorofluoromethane	50.000	43.635	12.7	83	0.00
8 T	Diethyl Ether	50.000	52.393	-4.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.647	12.7	85	0.00
10 T	Methyl Iodide	50.000	45.385	9.2	77	0.00
11 T	Tert butyl alcohol	250.000	245.166	1.9	107	0.00
12 CM	1,1-Dichloroethene	50.000	45.813	8.4#	89	0.00
13 T	Acrolein	250.000	313.815	-25.5#	127	0.00
14 T	Allyl chloride	50.000	45.379	9.2	86	0.00
15 T	Acrylonitrile	250.000	258.010	-3.2	99	0.00
16 T	Acetone	250.000	205.092	18.0	77	0.00
17 T	Carbon Disulfide	50.000	45.369	9.3	84	0.00
18 T	Methyl Acetate	50.000	52.018	-4.0	105	0.00
19 T	Methyl tert-butyl Ether	50.000	52.952	-5.9	100	0.00
20 T	Methylene Chloride	50.000	49.935	0.1	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.648	2.7	92	0.00
22 T	Diisopropyl ether	50.000	51.546	-3.1	97	0.00
23 T	Vinyl Acetate	250.000	253.111	-1.2	95	0.00
24 P	1,1-Dichloroethane	50.000	50.095	-0.2	95	0.00
25 T	2-Butanone	250.000	244.051	2.4	94	0.00
26 T	2,2-Dichloropropane	50.000	39.518	21.0	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.337	-4.7	100	0.00
28 T	Bromochloromethane	50.000	50.404	-0.8	91	0.00
29 T	Tetrahydrofuran	250.000	263.135	-5.3	100	0.00
30 C	Chloroform	50.000	52.116	-4.2#	98	0.00
31 T	Cyclohexane	50.000	38.744	22.5	77	0.00
32 T	1,1,1-Trichloroethane	50.000	47.577	4.8	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.721	-7.4	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	53.561	-7.1	100	0.00
36 T	1,1-Dichloropropene	50.000	44.312	11.4	87	0.00
37 T	Ethyl Acetate	50.000	48.926	2.1	98	0.00
38 T	Carbon Tetrachloride	50.000	43.873	12.3	88	0.00
39 T	Methylcyclohexane	50.000	40.369	19.3	80	0.00
40 TM	Benzene	50.000	48.258	3.5	94	0.00
41 T	Methacrylonitrile	50.000	47.008	6.0	103	0.00
42 TM	1,2-Dichloroethane	50.000	50.830	-1.7	101	0.00
43 T	Isopropyl Acetate	50.000	49.755	0.5	100	0.00
44 TM	Trichloroethene	50.000	49.263	1.5	97	0.00
45 C	1,2-Dichloropropane	50.000	49.866	0.3#	99	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)
46 T	Dibromomethane	50.000	52.006	-4.0	105	0.00
47 T	Bromodichloromethane	50.000	49.882	0.2	99	0.00
48 T	Methyl methacrylate	50.000	48.092	3.8	92	0.00
49 T	1,4-Dioxane	1000.000	1147.359	-14.7	108	0.00
50 S	Toluene-d8	50.000	49.668	0.7	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.031	-3.2	103	0.00
52 CM	Toluene	50.000	48.503	3.0#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	48.437	3.1	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.133	3.7	95	0.00
55 T	1,1,2-Trichloroethane	50.000	51.659	-3.3	104	0.00
56 T	Ethyl methacrylate	50.000	51.141	-2.3	101	0.00
57 T	1,3-Dichloropropane	50.000	51.930	-3.9	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	239.645	4.1	90	0.00
59 T	2-Hexanone	250.000	248.764	0.5	98	0.00
60 T	Dibromochloromethane	50.000	53.122	-6.2	105	0.00
61 T	1,2-Dibromoethane	50.000	52.219	-4.4	103	0.00
62 S	4-Bromofluorobenzene	50.000	52.542	-5.1	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	48.042	3.9	101	0.00
65 PM	Chlorobenzene	50.000	48.490	3.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.017	-0.0	103	0.00
67 C	Ethyl Benzene	50.000	46.447	7.1#	95	0.00
68 T	m/p-Xylenes	100.000	95.498	4.5	96	0.00
69 T	o-Xylene	50.000	49.327	1.3	100	0.00
70 T	Styrene	50.000	50.409	-0.8	102	0.00
71 P	Bromoform	50.000	51.807	-3.6	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	43.857	12.3	96	0.00
74 T	N-amyl acetate	50.000	47.091	5.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.847	6.3	106	0.00
76 T	1,2,3-Trichloropropane	50.000	46.696	6.6	105	0.00
77 T	Bromobenzene	50.000	48.927	2.1	104	0.00
78 T	n-propylbenzene	50.000	43.385	13.2	94	0.00
79 T	2-Chlorotoluene	50.000	46.530	6.9	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.192	9.6	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.954	18.1	88	0.00
82 T	4-Chlorotoluene	50.000	45.894	8.2	98	0.00
83 T	tert-Butylbenzene	50.000	45.360	9.3	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.893	8.2	98	0.00
85 T	sec-Butylbenzene	50.000	44.123	11.8	95	0.00
86 T	p-Isopropyltoluene	50.000	43.949	12.1	93	0.00
87 T	1,3-Dichlorobenzene	50.000	47.439	5.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	48.084	3.8	103	0.00
89 T	n-Butylbenzene	50.000	42.073	15.9	89	0.00

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90 T	Hexachloroethane	50.000	44.956	10.1	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.541	0.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.945	2.1	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.923	0.2	106	0.00
94 T	Hexachlorobutadiene	50.000	46.388	7.2	102	0.00
95 T	Naphthalene	50.000	50.305	-0.6	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.035	-4.1	110	0.00

(#) = Out of Range

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