

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062420\
 Data File : VW015696.D
 Acq On : 24 Jun 2020 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 03:43:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	55.300	-10.6	78	0.00
3 P	Chloromethane	50.000	52.729	-5.5	84	0.00
4 C	Vinyl Chloride	50.000	52.671	-5.3#	78	0.00
5 T	Bromomethane	50.000	55.867	-11.7	88	-0.01
6 T	Chloroethane	50.000	55.905	-11.8	83	0.00
7 T	Trichlorofluoromethane	50.000	51.953	-3.9	72	0.00
8 T	Diethyl Ether	50.000	57.726	-15.5	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.094	-4.2	79	0.00
10 T	Methyl Iodide	50.000	54.612	-9.2	82	0.00
11 T	Tert butyl alcohol	250.000	304.541	-21.8	93	0.02
12 CM	1,1-Dichloroethene	50.000	52.114	-4.2#	78	0.00
13 T	Acrolein	250.000	259.444	-3.8	86	0.00
14 T	Allyl chloride	50.000	53.355	-6.7	81	0.00
15 T	Acrylonitrile	250.000	307.065	-22.8	96	0.00
16 T	Acetone	250.000	247.948	0.8	72	0.00
17 T	Carbon Disulfide	50.000	52.496	-5.0	75	0.00
18 T	Methyl Acetate	50.000	65.197	-30.4#	98	0.00
19 T	Methyl tert-butyl Ether	50.000	58.665	-17.3	90	0.00
20 T	Methylene Chloride	50.000	61.129	-22.3	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.825	-9.7	84	0.00
22 T	Diisopropyl ether	50.000	57.337	-14.7	85	0.00
23 T	Vinyl Acetate	250.000	305.534	-22.2	90	0.00
24 P	1,1-Dichloroethane	50.000	55.223	-10.4	85	0.00
25 T	2-Butanone	250.000	284.493	-13.8	88	0.00
26 T	2,2-Dichloropropane	50.000	46.685	6.6	73	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.790	-11.6	83	0.00
28 T	Bromochloromethane	50.000	56.716	-13.4	91	0.00
29 T	Tetrahydrofuran	250.000	313.458	-25.4#	97	0.00
30 C	Chloroform	50.000	56.152	-12.3#	85	0.00
31 T	Cyclohexane	50.000	49.061	1.9	75	0.00
32 T	1,1,1-Trichloroethane	50.000	53.230	-6.5	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.489	-11.0	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	51.850	-3.7	89	0.00
36 T	1,1-Dichloropropene	50.000	51.350	-2.7	79	0.00
37 T	Ethyl Acetate	50.000	58.360	-16.7	95	0.00
38 T	Carbon Tetrachloride	50.000	50.571	-1.1	78	0.00
39 T	Methylcyclohexane	50.000	50.240	-0.5	75	0.00
40 TM	Benzene	50.000	53.334	-6.7	83	0.00
41 T	Methacrylonitrile	50.000	58.912	-17.8	97	0.00
42 TM	1,2-Dichloroethane	50.000	56.411	-12.8	89	0.00
43 T	Isopropyl Acetate	50.000	58.464	-16.9	94	0.00
44 TM	Trichloroethene	50.000	51.882	-3.8	81	0.00
45 C	1,2-Dichloropropane	50.000	54.333	-8.7#	86	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	56.498	-13.0	90	0.00
47 T	Bromodichloromethane	50.000	55.780	-11.6	87	0.00
48 T	Methyl methacrylate	50.000	59.706	-19.4	93	0.00
49 T	1,4-Dioxane	1000.000	1285.586	-28.6#	104	0.01
50 S	Toluene-d8	50.000	50.767	-1.5	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.143	-22.1	98	0.00
52 CM	Toluene	50.000	54.973	-9.9#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	55.710	-11.4	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.658	-9.3	84	0.00
55 T	1,1,2-Trichloroethane	50.000	58.344	-16.7	93	0.00
56 T	Ethyl methacrylate	50.000	60.852	-21.7	93	0.00
57 T	1,3-Dichloropropane	50.000	57.211	-14.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	297.935	-19.2	100	0.00
59 T	2-Hexanone	250.000	308.989	-23.6	97	0.00
60 T	Dibromochloromethane	50.000	59.054	-18.1	90	0.00
61 T	1,2-Dibromoethane	50.000	58.386	-16.8	92	0.00
62 S	4-Bromofluorobenzene	50.000	53.708	-7.4	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	48.688	2.6	78	0.00
65 PM	Chlorobenzene	50.000	52.581	-5.2	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.934	-7.9	87	0.00
67 C	Ethyl Benzene	50.000	52.605	-5.2#	84	0.00
68 T	m/p-Xylenes	100.000	107.373	-7.4	85	0.00
69 T	o-Xylene	50.000	53.918	-7.8	85	0.00
70 T	Styrene	50.000	55.773	-11.5	88	0.00
71 P	Bromoform	50.000	56.792	-13.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	51.307	-2.6	84	0.00
74 T	N-amyl acetate	50.000	57.747	-15.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.055	-14.1	98	0.00
76 T	1,2,3-Trichloropropane	50.000	54.756	-9.5	93	0.00
77 T	Bromobenzene	50.000	53.317	-6.6	89	0.00
78 T	n-propylbenzene	50.000	50.557	-1.1	82	0.00
79 T	2-Chlorotoluene	50.000	51.934	-3.9	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.970	-3.9	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.292	-6.6	86	0.00
82 T	4-Chlorotoluene	50.000	52.151	-4.3	86	0.00
83 T	tert-Butylbenzene	50.000	52.181	-4.4	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.534	-5.1	85	0.00
85 T	sec-Butylbenzene	50.000	51.052	-2.1	82	0.00
86 T	p-Isopropyltoluene	50.000	52.129	-4.3	85	0.00
87 T	1,3-Dichlorobenzene	50.000	51.869	-3.7	86	0.00
88 T	1,4-Dichlorobenzene	50.000	51.592	-3.2	89	0.00
89 T	n-Butylbenzene	50.000	50.981	-2.0	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.029	-4.1	84	0.00
91 T	1,2-Dichlorobenzene	50.000	53.930	-7.9	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.932	-17.9	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.453	-8.9	88	0.00
94 T	Hexachlorobutadiene	50.000	52.502	-5.0	86	0.00
95 T	Naphthalene	50.000	63.269	-26.5#	100	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.629	-17.3	98	0.00

(#) = Out of Range

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