

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041520\
 Data File : VW015214.D
 Acq On : 15 Apr 2020 20:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 16 05:08:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:44:16 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	43.602	12.8	76	0.00
3 P	Chloromethane	50.000	47.384	5.2	83	0.00
4 C	Vinyl Chloride	50.000	55.360	-10.7#	90	0.00
5 T	Bromomethane	50.000	52.493	-5.0	88	0.00
6 T	Chloroethane	50.000	53.531	-7.1	91	0.00
7 T	Trichlorofluoromethane	50.000	46.128	7.7	80	0.00
8 T	Diethyl Ether	50.000	49.697	0.6	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.965	2.1	79	0.00
10 T	Methyl Iodide	50.000	49.540	0.9	81	0.00
11 T	Tert butyl alcohol	250.000	235.095	6.0	84	0.00
12 CM	1,1-Dichloroethene	50.000	49.305	1.4#	80	0.00
13 T	Acrolein	250.000	259.150	-3.7	96	0.00
14 T	Allyl chloride	50.000	48.687	2.6	80	0.00
15 T	Acrylonitrile	250.000	262.159	-4.9	86	0.00
16 T	Acetone	250.000	256.280	-2.5	87	0.00
17 T	Carbon Disulfide	50.000	48.664	2.7	79	0.00
18 T	Methyl Acetate	50.000	52.328	-4.7	86	0.00
19 T	Methyl tert-butyl Ether	50.000	52.122	-4.2	85	0.00
20 T	Methylene Chloride	50.000	44.952	10.1	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.596	2.8	79	0.00
22 T	Diisopropyl ether	50.000	47.862	4.3	79	0.00
23 T	Vinyl Acetate	250.000	253.699	-1.5	83	0.00
24 P	1,1-Dichloroethane	50.000	48.037	3.9	80	0.00
25 T	2-Butanone	250.000	262.906	-5.2	88	0.00
26 T	2,2-Dichloropropane	50.000	45.654	8.7	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.515	3.0	80	0.00
28 T	Bromochloromethane	50.000	51.453	-2.9	92	0.00
29 T	Tetrahydrofuran	250.000	270.319	-8.1	89	0.00
30 C	Chloroform	50.000	48.311	3.4#	80	0.00
31 T	Cyclohexane	50.000	45.547	8.9	79	0.00
32 T	1,1,1-Trichloroethane	50.000	48.740	2.5	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.527	0.9	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	49.576	0.8	83	0.00
36 T	1,1-Dichloropropene	50.000	48.904	2.2	80	0.00
37 T	Ethyl Acetate	50.000	53.126	-6.3	88	0.00
38 T	Carbon Tetrachloride	50.000	49.710	0.6	80	0.00
39 T	Methylcyclohexane	50.000	48.507	3.0	78	0.00
40 TM	Benzene	50.000	49.037	1.9	80	0.00
41 T	Methacrylonitrile	50.000	50.757	-1.5	84	0.00
42 TM	1,2-Dichloroethane	50.000	50.045	-0.1	81	0.00
43 T	Isopropyl Acetate	50.000	53.695	-7.4	86	0.00
44 TM	Trichloroethene	50.000	49.227	1.5	80	0.00
45 C	1,2-Dichloropropane	50.000	48.382	3.2#	78	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	50.699	-1.4	82	0.00
47 T	Bromodichloromethane	50.000	48.972	2.1	78	0.00
48 T	Methyl methacrylate	50.000	54.824	-9.6	85	0.00
49 T	1,4-Dioxane	1000.000	1018.560	-1.9	84	0.00
50 S	Toluene-d8	50.000	48.899	2.2	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.529	-4.2	88	0.00
52 CM	Toluene	50.000	48.262	3.5#	79	0.00
53 T	t-1,3-Dichloropropene	50.000	49.037	1.9	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.583	2.8	78	0.00
55 T	1,1,2-Trichloroethane	50.000	50.212	-0.4	81	0.00
56 T	Ethyl methacrylate	50.000	51.528	-3.1	82	0.00
57 T	1,3-Dichloropropane	50.000	51.100	-2.2	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.267	-12.1	91	0.00
59 T	2-Hexanone	250.000	270.700	-8.3	85	0.00
60 T	Dibromochloromethane	50.000	50.747	-1.5	80	0.00
61 T	1,2-Dibromoethane	50.000	51.197	-2.4	82	0.00
62 S	4-Bromofluorobenzene	50.000	48.426	3.1	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	49.457	1.1	79	0.00
65 PM	Chlorobenzene	50.000	49.355	1.3	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.669	0.7	79	0.00
67 C	Ethyl Benzene	50.000	49.288	1.4#	79	0.00
68 T	m/p-Xylenes	100.000	96.729	3.3	77	0.00
69 T	o-Xylene	50.000	48.518	3.0	77	0.00
70 T	Styrene	50.000	49.100	1.8	77	0.00
71 P	Bromoform	50.000	52.376	-4.8	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	49.359	1.3	78	0.00
74 T	N-amyl acetate	50.000	52.731	-5.5	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.831	-5.7	82	0.00
76 T	1,2,3-Trichloropropane	50.000	48.260	3.5	82	0.00
77 T	Bromobenzene	50.000	49.556	0.9	77	0.00
78 T	n-propylbenzene	50.000	48.368	3.3	75	0.00
79 T	2-Chlorotoluene	50.000	48.666	2.7	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.724	2.6	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.135	-4.3	79	0.00
82 T	4-Chlorotoluene	50.000	48.008	4.0	75	0.00
83 T	tert-Butylbenzene	50.000	48.389	3.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.916	4.2	75	0.00
85 T	sec-Butylbenzene	50.000	47.980	4.0	75	0.00
86 T	p-Isopropyltoluene	50.000	46.993	6.0	74	0.00
87 T	1,3-Dichlorobenzene	50.000	48.298	3.4	76	0.00
88 T	1,4-Dichlorobenzene	50.000	47.851	4.3	75	0.00
89 T	n-Butylbenzene	50.000	46.632	6.7	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.602	4.8	74	0.00
91 T	1,2-Dichlorobenzene	50.000	48.003	4.0	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.283	-4.6	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.061	7.9	70	0.00
94 T	Hexachlorobutadiene	50.000	44.183	11.6	67	0.00
95 T	Naphthalene	50.000	51.915	-3.8	75	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.954	4.1	72	0.00

(#) = Out of Range

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