

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009253.D
 Acq On : 19 Mar 2019 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 4.01G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 20 08:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	37.025	25.9#	76	0.00
3 P	Chloromethane	50.000	51.408	-2.8	106	0.00
4 C	Vinyl Chloride	50.000	48.066	3.9#	103	0.00
5 T	Bromomethane	50.000	46.154	7.7	98	0.00
6 T	Chloroethane	50.000	47.518	5.0	96	0.00
7 T	Trichlorofluoromethane	50.000	46.494	7.0	91	0.00
8 T	Diethyl Ether	50.000	54.797	-9.6	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.323	11.4	89	0.00
10 T	Methyl Iodide	50.000	47.687	4.6	95	0.00
11 T	Tert butyl alcohol	250.000	282.778	-13.1	110	0.01
12 CM	1,1-Dichloroethene	50.000	45.059	9.9#	92	0.00
13 T	Acrolein	250.000	251.302	-0.5	94	0.00
14 T	Allyl chloride	50.000	50.939	-1.9	100	0.00
15 T	Acrylonitrile	250.000	268.081	-7.2	102	0.00
16 T	Acetone	250.000	247.347	1.1	94	0.00
17 T	Carbon Disulfide	50.000	44.388	11.2	91	0.00
18 T	Methyl Acetate	50.000	54.188	-8.4	104	0.00
19 T	Methyl tert-butyl Ether	50.000	57.534	-15.1	110	0.00
20 T	Methylene Chloride	50.000	52.843	-5.7	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.930	4.1	96	0.00
22 T	Diisopropyl ether	50.000	53.293	-6.6	103	0.00
23 T	Vinyl Acetate	250.000	272.827	-9.1	102	0.00
24 P	1,1-Dichloroethane	50.000	48.567	2.9	97	0.00
25 T	2-Butanone	250.000	271.717	-8.7	103	0.00
26 T	2,2-Dichloropropane	50.000	46.579	6.8	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.929	-1.9	99	0.00
28 T	Bromochloromethane	50.000	53.850	-7.7	101	0.00
29 T	Tetrahydrofuran	250.000	279.344	-11.7	106	0.00
30 C	Chloroform	50.000	49.251	1.5#	97	0.00
31 T	Cyclohexane	50.000	44.774	10.5	93	0.00
32 T	1,1,1-Trichloroethane	50.000	48.601	2.8	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.613	-5.2	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	47.788	4.4	94	0.00
36 T	1,1-Dichloropropene	50.000	45.213	9.6	94	0.00
37 T	Ethyl Acetate	50.000	52.966	-5.9	106	0.00
38 T	Carbon Tetrachloride	50.000	44.553	10.9	94	0.00
39 T	Methylcyclohexane	50.000	45.905	8.2	91	0.00
40 TM	Benzene	50.000	47.193	5.6	98	0.00
41 T	Methacrylonitrile	50.000	59.427	-18.9	118	0.00
42 TM	1,2-Dichloroethane	50.000	49.166	1.7	101	0.00
43 T	Isopropyl Acetate	50.000	52.301	-4.6	106	0.00
44 TM	Trichloroethene	50.000	44.708	10.6	93	0.00
45 C	1,2-Dichloropropane	50.000	47.756	4.5#	98	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	49.293	1.4	102	0.00
47 T	Bromodichloromethane	50.000	48.674	2.7	100	0.00
48 T	Methyl methacrylate	50.000	53.318	-6.6	103	0.00
49 T	1,4-Dioxane	1000.000	1083.816	-8.4	105	0.00
50 S	Toluene-d8	50.000	49.168	1.7	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.573	-7.0	105	0.00
52 CM	Toluene	50.000	47.218	5.6#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	50.575	-1.2	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.754	0.5	100	0.00
55 T	1,1,2-Trichloroethane	50.000	49.199	1.6	100	0.00
56 T	Ethyl methacrylate	50.000	55.041	-10.1	105	0.00
57 T	1,3-Dichloropropane	50.000	49.915	0.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	510.824	-104.3#	540	0.00
59 T	2-Hexanone	250.000	274.162	-9.7	105	0.00
60 T	Dibromochloromethane	50.000	48.932	2.1	98	0.00
61 T	1,2-Dibromoethane	50.000	51.101	-2.2	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.583	-3.2	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	46.089	7.8	97	0.00
65 PM	Chlorobenzene	50.000	46.541	6.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.479	7.0	97	0.00
67 C	Ethyl Benzene	50.000	47.633	4.7#	96	0.00
68 T	m/p-Xylenes	100.000	95.174	4.8	97	0.00
69 T	o-Xylene	50.000	49.159	1.7	100	0.00
70 T	Styrene	50.000	49.890	0.2	100	0.00
71 P	Bromoform	50.000	48.740	2.5	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	49.008	2.0	96	0.00
74 T	N-amyl acetate	50.000	53.993	-8.0	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.903	-1.8	105	0.00
76 T	1,2,3-Trichloropropane	50.000	47.034	5.9	104	0.00
77 T	Bromobenzene	50.000	48.240	3.5	99	0.00
78 T	n-propylbenzene	50.000	48.334	3.3	95	0.00
79 T	2-Chlorotoluene	50.000	48.571	2.9	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.789	0.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.461	-0.9	97	0.00
82 T	4-Chlorotoluene	50.000	48.853	2.3	98	0.00
83 T	tert-Butylbenzene	50.000	50.528	-1.1	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.799	0.4	98	0.00
85 T	sec-Butylbenzene	50.000	49.337	1.3	96	0.00
86 T	p-Isopropyltoluene	50.000	49.216	1.6	95	0.00
87 T	1,3-Dichlorobenzene	50.000	47.552	4.9	97	0.00
88 T	1,4-Dichlorobenzene	50.000	47.184	5.6	98	0.00
89 T	n-Butylbenzene	50.000	49.276	1.4	95	0.00

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90 T	Hexachloroethane	50.000	47.912	4.2	96	0.00
91 T	1,2-Dichlorobenzene	50.000	48.682	2.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.897	-1.8	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.725	0.5	99	0.00
94 T	Hexachlorobutadiene	50.000	46.109	7.8	94	0.00
95 T	Naphthalene	50.000	55.459	-10.9	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.968	0.1	98	0.00

(#) = Out of Range

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