

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090319\
 Data File : VX012039.D
 Acq On : 03 Sep 2019 23:10
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 04 05:28:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	49.024	2.0	92	0.00
3 P	Chloromethane	50.000	54.321	-8.6	99	0.00
4 C	Vinyl Chloride	50.000	53.802	-7.6#	97	0.00
5 T	Bromomethane	50.000	61.004	-22.0#	112	0.00
6 T	Chloroethane	50.000	55.406	-10.8	101	0.00
7 T	Trichlorofluoromethane	50.000	51.146	-2.3	93	0.00
8 T	Diethyl Ether	50.000	56.194	-12.4	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.982	0.0	90	0.00
10 T	Methyl Iodide	50.000	38.603	22.8#	73	0.00
11 T	Tert butyl alcohol	250.000	242.558	3.0	94	0.00
12 CM	1,1-Dichloroethene	50.000	52.641	-5.3#	94	0.00
13 T	Acrolein	250.000	201.423	19.4	74	0.00
14 T	Allyl chloride	50.000	54.110	-8.2	96	0.00
15 T	Acrylonitrile	250.000	259.806	-3.9	95	0.00
16 T	Acetone	250.000	214.628	14.1	78	0.00
17 T	Carbon Disulfide	50.000	56.152	-12.3	93	0.00
18 T	Methyl Acetate	50.000	61.839	-23.7#	119	0.00
19 T	Methyl tert-butyl Ether	50.000	54.367	-8.7	99	0.00
20 T	Methylene Chloride	50.000	50.419	-0.8	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.396	-8.8	96	0.00
22 T	Diisopropyl ether	50.000	54.632	-9.3	100	0.00
23 T	Vinyl Acetate	250.000	256.796	-2.7	90	0.00
24 P	1,1-Dichloroethane	50.000	53.762	-7.5	98	0.00
25 T	2-Butanone	250.000	252.589	-1.0	90	0.00
26 T	2,2-Dichloropropane	50.000	46.184	7.6	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.998	-8.0	98	0.00
28 T	Bromochloromethane	50.000	49.966	0.1	87	0.00
29 T	Tetrahydrofuran	250.000	266.432	-6.6	97	0.00
30 C	Chloroform	50.000	53.949	-7.9#	99	0.00
31 T	Cyclohexane	50.000	50.349	-0.7	92	0.00
32 T	1,1,1-Trichloroethane	50.000	53.729	-7.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.559	-7.1	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	51.157	-2.3	92	0.00
36 T	1,1-Dichloropropene	50.000	50.130	-0.3	93	0.00
37 T	Ethyl Acetate	50.000	50.653	-1.3	93	0.00
38 T	Carbon Tetrachloride	50.000	50.537	-1.1	96	0.00
39 T	Methylcyclohexane	50.000	48.065	3.9	91	0.00
40 TM	Benzene	50.000	53.032	-6.1	98	0.00
41 T	Methacrylonitrile	50.000	52.254	-4.5	98	0.00
42 TM	1,2-Dichloroethane	50.000	53.386	-6.8	100	0.00
43 T	Isopropyl Acetate	50.000	51.837	-3.7	97	0.00
44 TM	Trichloroethene	50.000	51.982	-4.0	97	0.00
45 C	1,2-Dichloropropane	50.000	52.494	-5.0#	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.411	-4.8	99	0.00
47 T	Bromodichloromethane	50.000	52.801	-5.6	98	0.00
48 T	Methyl methacrylate	50.000	52.432	-4.9	97	0.00
49 T	1,4-Dioxane	1000.000	968.046	3.2	94	0.00
50 S	Toluene-d8	50.000	52.678	-5.4	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.155	-2.9	97	0.00
52 CM	Toluene	50.000	52.719	-5.4#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	50.189	-0.4	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.004	-2.0	96	0.00
55 T	1,1,2-Trichloroethane	50.000	50.204	-0.4	94	0.00
56 T	Ethyl methacrylate	50.000	52.218	-4.4	98	0.00
57 T	1,3-Dichloropropane	50.000	52.235	-4.5	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.508	-0.6	90	0.00
59 T	2-Hexanone	250.000	248.477	0.6	94	0.00
60 T	Dibromochloromethane	50.000	52.704	-5.4	100	0.00
61 T	1,2-Dibromoethane	50.000	52.746	-5.5	99	0.00
62 S	4-Bromofluorobenzene	50.000	48.456	3.1	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	55.273	-10.5	105	0.00
65 PM	Chlorobenzene	50.000	51.660	-3.3	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.610	-5.2	101	0.00
67 C	Ethyl Benzene	50.000	51.429	-2.9#	97	0.00
68 T	m/p-Xylenes	100.000	102.376	-2.4	96	0.00
69 T	o-Xylene	50.000	51.911	-3.8	98	0.00
70 T	Styrene	50.000	52.206	-4.4	97	0.00
71 P	Bromoform	50.000	52.004	-4.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	52.696	-5.4	97	0.00
74 T	N-amyl acetate	50.000	50.944	-1.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.189	-2.4	96	0.00
76 T	1,2,3-Trichloropropane	50.000	57.426	-14.9	109	0.00
77 T	Bromobenzene	50.000	54.165	-8.3	99	0.00
78 T	n-propylbenzene	50.000	52.032	-4.1	96	0.00
79 T	2-Chlorotoluene	50.000	52.021	-4.0	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.980	-4.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.341	7.3	87	0.00
82 T	4-Chlorotoluene	50.000	52.282	-4.6	95	0.00
83 T	tert-Butylbenzene	50.000	50.706	-1.4	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.345	-4.7	97	0.00
85 T	sec-Butylbenzene	50.000	50.583	-1.2	94	0.00
86 T	p-Isopropyltoluene	50.000	50.328	-0.7	94	0.00
87 T	1,3-Dichlorobenzene	50.000	52.108	-4.2	99	0.00
88 T	1,4-Dichlorobenzene	50.000	50.229	-0.5	94	0.00
89 T	n-Butylbenzene	50.000	49.379	1.2	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.977	2.0	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.898	-3.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.184	1.6	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.422	5.2	89	0.00
94 T	Hexachlorobutadiene	50.000	46.628	6.7	88	0.00
95 T	Naphthalene	50.000	49.627	0.7	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.387	3.2	90	0.00

(#) = Out of Range

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