

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX091319\
 Data File : VX012400.D
 Acq On : 13 Sep 2019 21:54
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 14 01:00:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 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	78	0.00
2 T	Dichlorodifluoromethane	50.000	38.928	22.1#	65	0.00
3 P	Chloromethane	50.000	45.971	8.1	74	0.00
4 C	Vinyl Chloride	50.000	43.375	13.3#	71	0.00
5 T	Bromomethane	50.000	56.877	-13.8	81	0.00
6 T	Chloroethane	50.000	46.788	6.4	76	0.00
7 T	Trichlorofluoromethane	50.000	43.239	13.5	69	0.00
8 T	Diethyl Ether	50.000	48.572	2.9	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.336	9.3	68	0.00
10 T	Methyl Iodide	50.000	34.486	31.0#	50	0.00
11 T	Tert butyl alcohol	250.000	256.332	-2.5	80	0.00
12 CM	1,1-Dichloroethene	50.000	45.785	8.4#	70	0.00
13 T	Acrolein	250.000	259.492	-3.8	82	0.00
14 T	Allyl chloride	50.000	45.756	8.5	69	0.00
15 T	Acrylonitrile	250.000	261.816	-4.7	78	0.00
16 T	Acetone	250.000	196.928	21.2#	63	0.00
17 T	Carbon Disulfide	50.000	40.288	19.4	63	0.00
18 T	Methyl Acetate	50.000	53.031	-6.1	81	0.00
19 T	Methyl tert-butyl Ether	50.000	49.411	1.2	73	0.00
20 T	Methylene Chloride	50.000	48.526	2.9	75	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.746	8.5	70	0.00
22 T	Diisopropyl ether	50.000	49.335	1.3	74	0.00
23 T	Vinyl Acetate	250.000	242.635	2.9	70	0.00
24 P	1,1-Dichloroethane	50.000	47.851	4.3	72	0.00
25 T	2-Butanone	250.000	237.624	5.0	73	0.00
26 T	2,2-Dichloropropane	50.000	39.350	21.3#	59	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.860	4.3	73	0.00
28 T	Bromochloromethane	50.000	49.415	1.2	72	0.00
29 T	Tetrahydrofuran	250.000	264.903	-6.0	78	0.00
30 C	Chloroform	50.000	47.539	4.9#	72	0.00
31 T	Cyclohexane	50.000	42.609	14.8	65	0.00
32 T	1,1,1-Trichloroethane	50.000	44.797	10.4	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.027	7.9	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	47.053	5.9	73	0.00
36 T	1,1-Dichloropropene	50.000	45.274	9.5	68	0.00
37 T	Ethyl Acetate	50.000	52.245	-4.5	75	0.00
38 T	Carbon Tetrachloride	50.000	42.406	15.2	64	0.00
39 T	Methylcyclohexane	50.000	41.837	16.3	64	0.00
40 TM	Benzene	50.000	47.926	4.1	72	0.00
41 T	Methacrylonitrile	50.000	51.678	-3.4	75	0.00
42 TM	1,2-Dichloroethane	50.000	48.066	3.9	72	0.00
43 T	Isopropyl Acetate	50.000	49.049	1.9	71	0.00
44 TM	Trichloroethene	50.000	46.779	6.4	71	0.00
45 C	1,2-Dichloropropane	50.000	49.034	1.9#	74	0.00

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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)
46 T	Dibromomethane	50.000	52.148	-4.3	76	0.00
47 T	Bromodichloromethane	50.000	46.417	7.2	67	0.00
48 T	Methyl methacrylate	50.000	49.530	0.9	72	0.00
49 T	1,4-Dioxane	1000.000	1100.215	-10.0	85	0.00
50 S	Toluene-d8	50.000	49.324	1.4	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.238	-2.1	75	0.00
52 CM	Toluene	50.000	48.552	2.9#	73	0.00
53 T	t-1,3-Dichloropropene	50.000	45.562	8.9	67	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.651	6.7	69	0.00
55 T	1,1,2-Trichloroethane	50.000	50.111	-0.2	74	0.00
56 T	Ethyl methacrylate	50.000	50.310	-0.6	73	0.00
57 T	1,3-Dichloropropane	50.000	50.744	-1.5	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	215.305	13.9	62	0.00
59 T	2-Hexanone	250.000	258.274	-3.3	74	0.00
60 T	Dibromochloromethane	50.000	49.383	1.2	70	0.00
61 T	1,2-Dibromoethane	50.000	50.976	-2.0	76	0.00
62 S	4-Bromofluorobenzene	50.000	44.844	10.3	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	51.875	-3.8	82	0.00
65 PM	Chlorobenzene	50.000	47.903	4.2	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.896	2.2	73	0.00
67 C	Ethyl Benzene	50.000	46.364	7.3#	72	0.00
68 T	m/p-Xylenes	100.000	94.552	5.4	73	0.00
69 T	o-Xylene	50.000	48.162	3.7	74	0.00
70 T	Styrene	50.000	49.072	1.9	74	0.00
71 P	Bromoform	50.000	49.823	0.4	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	43.979	12.0	72	0.00
74 T	N-amyl acetate	50.000	43.579	12.8	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.037	3.9	77	0.00
76 T	1,2,3-Trichloropropane	50.000	46.962	6.1	75	0.00
77 T	Bromobenzene	50.000	48.548	2.9	79	0.00
78 T	n-propylbenzene	50.000	43.129	13.7	69	0.00
79 T	2-Chlorotoluene	50.000	43.866	12.3	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.521	11.0	73	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.548	18.9	63	0.00
82 T	4-Chlorotoluene	50.000	44.648	10.7	72	0.00
83 T	tert-Butylbenzene	50.000	44.374	11.3	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	44.988	10.0	74	0.00
85 T	sec-Butylbenzene	50.000	43.577	12.8	72	0.00
86 T	p-Isopropyltoluene	50.000	44.225	11.5	72	0.00
87 T	1,3-Dichlorobenzene	50.000	45.890	8.2	75	0.00
88 T	1,4-Dichlorobenzene	50.000	47.064	5.9	79	0.00
89 T	n-Butylbenzene	50.000	42.970	14.1	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	42.783	14.4	68	0.00
91 T	1,2-Dichlorobenzene	50.000	48.052	3.9	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.651	10.7	73	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.829	2.3	78	0.00
94 T	Hexachlorobutadiene	50.000	49.998	0.0	82	0.00
95 T	Naphthalene	50.000	50.775	-1.5	81	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.285	-2.6	83	0.00

(#) = Out of Range

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