

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090719\
 Data File : VX012188.D
 Acq On : 07 Sep 2019 20:46
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 08:01:02 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	49.840	0.3	84	0.00
3 P	Chloromethane	50.000	55.398	-10.8	91	0.00
4 C	Vinyl Chloride	50.000	54.573	-9.1#	88	0.00
5 T	Bromomethane	50.000	60.851	-21.7#	100	0.00
6 T	Chloroethane	50.000	57.219	-14.4	94	0.00
7 T	Trichlorofluoromethane	50.000	55.554	-11.1	90	0.00
8 T	Diethyl Ether	50.000	61.031	-22.1#	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.877	-7.8	87	0.00
10 T	Methyl Iodide	50.000	36.271	27.5#	60	0.00
11 T	Tert butyl alcohol	250.000	267.820	-7.1	93	0.00
12 CM	1,1-Dichloroethene	50.000	52.777	-5.6#	85	0.00
13 T	Acrolein	250.000	278.723	-11.5	90	0.00
14 T	Allyl chloride	50.000	56.231	-12.5	90	0.00
15 T	Acrylonitrile	250.000	290.869	-16.3	96	0.00
16 T	Acetone	250.000	246.126	1.5	80	0.00
17 T	Carbon Disulfide	50.000	53.786	-7.6	80	0.00
18 T	Methyl Acetate	50.000	57.602	-15.2	99	0.00
19 T	Methyl tert-butyl Ether	50.000	57.913	-15.8	94	0.00
20 T	Methylene Chloride	50.000	52.812	-5.6	92	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.551	-9.1	86	0.00
22 T	Diisopropyl ether	50.000	58.296	-16.6	96	0.00
23 T	Vinyl Acetate	250.000	298.172	-19.3	93	0.00
24 P	1,1-Dichloroethane	50.000	57.366	-14.7	94	0.00
25 T	2-Butanone	250.000	285.847	-14.3	91	0.00
26 T	2,2-Dichloropropane	50.000	48.733	2.5	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.643	-11.3	90	0.00
28 T	Bromochloromethane	50.000	53.838	-7.7	84	0.00
29 T	Tetrahydrofuran	250.000	297.260	-18.9	97	0.00
30 C	Chloroform	50.000	56.872	-13.7#	94	0.00
31 T	Cyclohexane	50.000	51.687	-3.4	84	0.00
32 T	1,1,1-Trichloroethane	50.000	56.002	-12.0	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.007	-20.0#	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	55.313	-10.6	89	0.00
36 T	1,1-Dichloropropene	50.000	53.037	-6.1	87	0.00
37 T	Ethyl Acetate	50.000	59.913	-19.8	97	0.00
38 T	Carbon Tetrachloride	50.000	53.687	-7.4	90	0.00
39 T	Methylcyclohexane	50.000	48.922	2.2	82	0.00
40 TM	Benzene	50.000	54.451	-8.9	90	0.00
41 T	Methacrylonitrile	50.000	60.344	-20.7#	100	0.00
42 TM	1,2-Dichloroethane	50.000	60.060	-20.1#	99	0.00
43 T	Isopropyl Acetate	50.000	58.588	-17.2	97	0.00
44 TM	Trichloroethene	50.000	52.713	-5.4	88	0.00
45 C	1,2-Dichloropropane	50.000	55.387	-10.8#	93	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	56.825	-13.7	95	0.00
47 T	Bromodichloromethane	50.000	55.313	-10.6	91	0.00
48 T	Methyl methacrylate	50.000	58.186	-16.4	96	0.00
49 T	1,4-Dioxane	1000.000	1112.454	-11.2	96	0.00
50 S	Toluene-d8	50.000	55.002	-10.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.727	-16.7	97	0.00
52 CM	Toluene	50.000	54.440	-8.9#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	53.873	-7.7	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.858	-7.7	90	0.00
55 T	1,1,2-Trichloroethane	50.000	55.759	-11.5	93	0.00
56 T	Ethyl methacrylate	50.000	55.632	-11.3	92	0.00
57 T	1,3-Dichloropropane	50.000	56.356	-12.7	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.627	0.1	79	0.00
59 T	2-Hexanone	250.000	287.417	-15.0	96	0.00
60 T	Dibromochloromethane	50.000	55.648	-11.3	93	0.00
61 T	1,2-Dibromoethane	50.000	56.190	-12.4	93	0.00
62 S	4-Bromofluorobenzene	50.000	52.762	-5.5	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	56.606	-13.2	97	0.00
65 PM	Chlorobenzene	50.000	53.467	-6.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.422	-10.8	96	0.00
67 C	Ethyl Benzene	50.000	52.906	-5.8#	90	0.00
68 T	m/p-Xylenes	100.000	106.706	-6.7	90	0.00
69 T	o-Xylene	50.000	53.546	-7.1	91	0.00
70 T	Styrene	50.000	54.678	-9.4	91	0.00
71 P	Bromoform	50.000	54.093	-8.2	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	50.082	-0.2	90	0.00
74 T	N-amyl acetate	50.000	53.644	-7.3	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.793	-3.6	95	0.00
76 T	1,2,3-Trichloropropane	50.000	58.763	-17.5	109	0.00
77 T	Bromobenzene	50.000	53.287	-6.6	95	0.00
78 T	n-propylbenzene	50.000	50.473	-0.9	91	0.00
79 T	2-Chlorotoluene	50.000	51.309	-2.6	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.592	-1.2	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.929	10.1	83	0.00
82 T	4-Chlorotoluene	50.000	52.092	-4.2	93	0.00
83 T	tert-Butylbenzene	50.000	50.712	-1.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.228	-2.5	92	0.00
85 T	sec-Butylbenzene	50.000	48.951	2.1	89	0.00
86 T	p-Isopropyltoluene	50.000	49.935	0.1	91	0.00
87 T	1,3-Dichlorobenzene	50.000	52.736	-5.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.078	-4.2	95	0.00
89 T	n-Butylbenzene	50.000	49.218	1.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.014	4.0	90	0.00
91 T	1,2-Dichlorobenzene	50.000	53.753	-7.5	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.832	-7.7	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.504	-1.0	93	0.00
94 T	Hexachlorobutadiene	50.000	49.466	1.1	92	0.00
95 T	Naphthalene	50.000	54.553	-9.1	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.241	-4.5	95	0.00

(#) = Out of Range

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