

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090819\
 Data File : VX012212.D
 Acq On : 08 Sep 2019 10:08
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 09 01:56:50 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	49.796	0.4	88	0.00
3 P	Chloromethane	50.000	52.858	-5.7	92	0.00
4 C	Vinyl Chloride	50.000	53.876	-7.8#	92	0.00
5 T	Bromomethane	50.000	57.807	-15.6	101	0.00
6 T	Chloroethane	50.000	55.116	-10.2	96	0.00
7 T	Trichlorofluoromethane	50.000	56.554	-13.1	97	0.00
8 T	Diethyl Ether	50.000	55.751	-11.5	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.777	-5.6	91	0.00
10 T	Methyl Iodide	50.000	43.105	13.8	79	0.00
11 T	Tert butyl alcohol	250.000	218.871	12.5	80	0.00
12 CM	1,1-Dichloroethene	50.000	51.750	-3.5#	88	0.00
13 T	Acrolein	250.000	218.036	12.8	76	0.00
14 T	Allyl chloride	50.000	53.641	-7.3	90	0.00
15 T	Acrylonitrile	250.000	251.839	-0.7	88	0.00
16 T	Acetone	250.000	299.510	-19.8	104	0.00
17 T	Carbon Disulfide	50.000	50.279	-0.6	79	0.00
18 T	Methyl Acetate	50.000	48.380	3.2	88	0.00
19 T	Methyl tert-butyl Ether	50.000	51.003	-2.0	88	0.00
20 T	Methylene Chloride	50.000	46.430	7.1	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.614	-3.2	86	0.00
22 T	Diisopropyl ether	50.000	53.348	-6.7	93	0.00
23 T	Vinyl Acetate	250.000	270.395	-8.2	90	0.00
24 P	1,1-Dichloroethane	50.000	52.302	-4.6	91	0.00
25 T	2-Butanone	250.000	273.189	-9.3	93	0.00
26 T	2,2-Dichloropropane	50.000	54.937	-9.9	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.356	-2.7	88	0.00
28 T	Bromochloromethane	50.000	50.288	-0.6	83	0.00
29 T	Tetrahydrofuran	250.000	252.849	-1.1	88	0.00
30 C	Chloroform	50.000	52.620	-5.2#	92	0.00
31 T	Cyclohexane	50.000	50.294	-0.6	87	0.00
32 T	1,1,1-Trichloroethane	50.000	54.241	-8.5	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.196	-6.4	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	54.565	-9.1	86	0.00
36 T	1,1-Dichloropropene	50.000	55.450	-10.9	90	0.00
37 T	Ethyl Acetate	50.000	55.108	-10.2	88	0.00
38 T	Carbon Tetrachloride	50.000	55.860	-11.7	93	0.00
39 T	Methylcyclohexane	50.000	51.355	-2.7	86	0.00
40 TM	Benzene	50.000	54.442	-8.9	89	0.00
41 T	Methacrylonitrile	50.000	53.554	-7.1	88	0.00
42 TM	1,2-Dichloroethane	50.000	57.477	-15.0	94	0.00
43 T	Isopropyl Acetate	50.000	54.632	-9.3	90	0.00
44 TM	Trichloroethene	50.000	54.427	-8.9	89	0.00
45 C	1,2-Dichloropropane	50.000	53.457	-6.9#	89	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	53.275	-6.5	88	0.00
47 T	Bromodichloromethane	50.000	53.925	-7.8	88	0.00
48 T	Methyl methacrylate	50.000	53.379	-6.8	87	0.00
49 T	1,4-Dioxane	1000.000	936.015	6.4	80	0.00
50 S	Toluene-d8	50.000	53.995	-8.0	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.557	-8.2	89	0.00
52 CM	Toluene	50.000	54.440	-8.9#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	52.932	-5.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.202	-8.4	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.978	-6.0	87	0.00
56 T	Ethyl methacrylate	50.000	51.781	-3.6	85	0.00
57 T	1,3-Dichloropropane	50.000	54.041	-8.1	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.244	9.5	71	0.00
59 T	2-Hexanone	250.000	277.362	-10.9	92	0.00
60 T	Dibromochloromethane	50.000	53.255	-6.5	88	0.00
61 T	1,2-Dibromoethane	50.000	53.250	-6.5	87	0.00
62 S	4-Bromofluorobenzene	50.000	51.460	-2.9	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	53.267	-6.5	90	0.00
65 PM	Chlorobenzene	50.000	53.318	-6.6	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.411	-8.8	93	0.00
67 C	Ethyl Benzene	50.000	53.881	-7.8#	90	0.00
68 T	m/p-Xylenes	100.000	107.073	-7.1	89	0.00
69 T	o-Xylene	50.000	52.670	-5.3	88	0.00
70 T	Styrene	50.000	53.918	-7.8	89	0.00
71 P	Bromoform	50.000	50.529	-1.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	52.095	-4.2	91	0.00
74 T	N-amyl acetate	50.000	50.727	-1.5	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.074	1.9	87	0.00
76 T	1,2,3-Trichloropropane	50.000	47.944	4.1	86	0.00
77 T	Bromobenzene	50.000	53.213	-6.4	92	0.00
78 T	n-propylbenzene	50.000	51.302	-2.6	90	0.00
79 T	2-Chlorotoluene	50.000	52.379	-4.8	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.719	-5.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.022	10.0	80	0.00
82 T	4-Chlorotoluene	50.000	51.750	-3.5	90	0.00
83 T	tert-Butylbenzene	50.000	53.460	-6.9	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.496	-5.0	92	0.00
85 T	sec-Butylbenzene	50.000	52.019	-4.0	92	0.00
86 T	p-Isopropyltoluene	50.000	52.497	-5.0	93	0.00
87 T	1,3-Dichlorobenzene	50.000	53.240	-6.5	96	0.00
88 T	1,4-Dichlorobenzene	50.000	52.489	-5.0	93	0.00
89 T	n-Butylbenzene	50.000	52.656	-5.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.968	2.1	89	0.00
91 T	1,2-Dichlorobenzene	50.000	51.775	-3.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.489	7.0	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.491	-3.0	92	0.00
94 T	Hexachlorobutadiene	50.000	55.244	-10.5	99	0.00
95 T	Naphthalene	50.000	49.598	0.8	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.515	-1.0	89	0.00

(#) = Out of Range

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