

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090719\
 Data File : VX012190.D
 Acq On : 07 Sep 2019 21:48
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 08 08:02:11 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	46.043	7.9	76	0.00
3 P	Chloromethane	50.000	54.672	-9.3	88	0.00
4 C	Vinyl Chloride	50.000	51.636	-3.3#	82	0.00
5 T	Bromomethane	50.000	55.715	-11.4	90	0.00
6 T	Chloroethane	50.000	55.943	-11.9	90	0.00
7 T	Trichlorofluoromethane	50.000	53.263	-6.5	85	0.00
8 T	Diethyl Ether	50.000	60.011	-20.0#	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.107	1.8	78	0.00
10 T	Methyl Iodide	50.000	43.961	12.1	75	0.00
11 T	Tert butyl alcohol	250.000	278.113	-11.2	95	0.00
12 CM	1,1-Dichloroethene	50.000	50.411	-0.8#	80	0.00
13 T	Acrolein	250.000	306.157	-22.5#	97	0.00
14 T	Allyl chloride	50.000	55.683	-11.4	87	0.00
15 T	Acrylonitrile	250.000	288.815	-15.5	93	0.00
16 T	Acetone	250.000	246.037	1.6	79	0.00
17 T	Carbon Disulfide	50.000	52.017	-4.0	76	0.00
18 T	Methyl Acetate	50.000	58.228	-16.5	99	0.00
19 T	Methyl tert-butyl Ether	50.000	57.878	-15.8	93	0.00
20 T	Methylene Chloride	50.000	52.394	-4.8	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.174	-8.3	84	0.00
22 T	Diisopropyl ether	50.000	58.185	-16.4	94	0.00
23 T	Vinyl Acetate	250.000	298.413	-19.4	92	0.00
24 P	1,1-Dichloroethane	50.000	55.721	-11.4	90	0.00
25 T	2-Butanone	250.000	290.840	-16.3	92	0.00
26 T	2,2-Dichloropropane	50.000	46.801	6.4	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.507	-9.0	87	0.00
28 T	Bromochloromethane	50.000	58.242	-16.5	90	0.00
29 T	Tetrahydrofuran	250.000	301.294	-20.5#	97	0.00
30 C	Chloroform	50.000	56.697	-13.4#	92	0.00
31 T	Cyclohexane	50.000	47.936	4.1	77	0.00
32 T	1,1,1-Trichloroethane	50.000	54.377	-8.8	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.973	-23.9#	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	55.272	-10.5	90	0.00
36 T	1,1-Dichloropropene	50.000	47.808	4.4	80	0.00
37 T	Ethyl Acetate	50.000	58.092	-16.2	96	0.00
38 T	Carbon Tetrachloride	50.000	49.869	0.3	85	0.00
39 T	Methylcyclohexane	50.000	43.945	12.1	75	0.00
40 TM	Benzene	50.000	51.793	-3.6	87	0.00
41 T	Methacrylonitrile	50.000	57.663	-15.3	97	0.00
42 TM	1,2-Dichloroethane	50.000	56.801	-13.6	96	0.00
43 T	Isopropyl Acetate	50.000	57.057	-14.1	96	0.00
44 TM	Trichloroethene	50.000	51.009	-2.0	86	0.00
45 C	1,2-Dichloropropane	50.000	52.780	-5.6#	90	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	55.329	-10.7	94	0.00
47 T	Bromodichloromethane	50.000	53.258	-6.5	90	0.00
48 T	Methyl methacrylate	50.000	56.381	-12.8	94	0.00
49 T	1,4-Dioxane	1000.000	1076.201	-7.6	94	0.00
50 S	Toluene-d8	50.000	54.503	-9.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.751	-13.1	96	0.00
52 CM	Toluene	50.000	51.449	-2.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	51.460	-2.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.538	-3.1	87	0.00
55 T	1,1,2-Trichloroethane	50.000	53.248	-6.5	90	0.00
56 T	Ethyl methacrylate	50.000	53.585	-7.2	91	0.00
57 T	1,3-Dichloropropane	50.000	53.816	-7.6	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	242.401	3.0	78	0.00
59 T	2-Hexanone	250.000	277.186	-10.9	95	0.00
60 T	Dibromochloromethane	50.000	53.555	-7.1	91	0.00
61 T	1,2-Dibromoethane	50.000	54.648	-9.3	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.648	-3.3	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	52.672	-5.3	93	0.00
65 PM	Chlorobenzene	50.000	49.970	0.1	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.002	-4.0	93	0.00
67 C	Ethyl Benzene	50.000	49.185	1.6#	86	0.00
68 T	m/p-Xylenes	100.000	98.450	1.5	86	0.00
69 T	o-Xylene	50.000	49.854	0.3	87	0.00
70 T	Styrene	50.000	50.614	-1.2	87	0.00
71 P	Bromoform	50.000	51.303	-2.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	46.203	7.6	85	0.00
74 T	N-amyl acetate	50.000	50.550	-1.1	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.592	0.8	93	0.00
76 T	1,2,3-Trichloropropane	50.000	56.718	-13.4	108	0.00
77 T	Bromobenzene	50.000	49.214	1.6	90	0.00
78 T	n-propylbenzene	50.000	45.180	9.6	84	0.00
79 T	2-Chlorotoluene	50.000	46.595	6.8	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.571	4.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.033	11.9	83	0.00
82 T	4-Chlorotoluene	50.000	47.415	5.2	87	0.00
83 T	tert-Butylbenzene	50.000	46.735	6.5	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.558	4.9	88	0.00
85 T	sec-Butylbenzene	50.000	45.150	9.7	84	0.00
86 T	p-Isopropyltoluene	50.000	44.915	10.2	85	0.00
87 T	1,3-Dichlorobenzene	50.000	47.627	4.7	91	0.00
88 T	1,4-Dichlorobenzene	50.000	46.968	6.1	89	0.00
89 T	n-Butylbenzene	50.000	43.581	12.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	43.399	13.2	84	0.00
91 T	1,2-Dichlorobenzene	50.000	48.999	2.0	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.365	1.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.598	10.8	85	0.00
94 T	Hexachlorobutadiene	50.000	42.962	14.1	82	0.00
95 T	Naphthalene	50.000	47.916	4.2	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.266	7.5	87	0.00

(#) = Out of Range

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