

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VO090519\
 Data File : VX012116.D
 Acq On : 05 Sep 2019 22:17
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 07:05:20 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	43.234	13.5	71	0.00
3 P	Chloromethane	50.000	50.242	-0.5	81	0.00
4 C	Vinyl Chloride	50.000	48.637	2.7#	77	0.00
5 T	Bromomethane	50.000	57.830	-15.7	93	0.00
6 T	Chloroethane	50.000	50.592	-1.2	81	0.00
7 T	Trichlorofluoromethane	50.000	46.489	7.0	74	0.00
8 T	Diethyl Ether	50.000	52.415	-4.8	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.089	11.8	70	0.00
10 T	Methyl Iodide	50.000	33.688	32.6#	54	0.00
11 T	Tert butyl alcohol	250.000	235.784	5.7	80	0.00
12 CM	1,1-Dichloroethene	50.000	45.866	8.3#	72	0.00
13 T	Acrolein	250.000	226.148	9.5	72	0.00
14 T	Allyl chloride	50.000	50.287	-0.6	78	0.00
15 T	Acrylonitrile	250.000	251.268	-0.5	81	0.00
16 T	Acetone	250.000	203.266	18.7	65	0.00
17 T	Carbon Disulfide	50.000	49.335	1.3	72	0.00
18 T	Methyl Acetate	50.000	55.805	-11.6	94	0.00
19 T	Methyl tert-butyl Ether	50.000	50.254	-0.5	80	0.00
20 T	Methylene Chloride	50.000	46.521	7.0	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.688	2.6	75	0.00
22 T	Diisopropyl ether	50.000	50.327	-0.7	81	0.00
23 T	Vinyl Acetate	250.000	252.307	-0.9	77	0.00
24 P	1,1-Dichloroethane	50.000	49.378	1.2	79	0.00
25 T	2-Butanone	250.000	249.971	0.0	78	0.00
26 T	2,2-Dichloropropane	50.000	41.683	16.6	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.463	3.1	77	0.00
28 T	Bromochloromethane	50.000	57.136	-14.3	87	0.00
29 T	Tetrahydrofuran	250.000	258.732	-3.5	83	0.00
30 C	Chloroform	50.000	49.694	0.6#	80	0.00
31 T	Cyclohexane	50.000	44.440	11.1	71	0.00
32 T	1,1,1-Trichloroethane	50.000	48.755	2.5	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.070	-12.1	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	50.157	-0.3	80	0.00
36 T	1,1-Dichloropropene	50.000	45.204	9.6	74	0.00
37 T	Ethyl Acetate	50.000	48.425	3.2	78	0.00
38 T	Carbon Tetrachloride	50.000	45.424	9.2	76	0.00
39 T	Methylcyclohexane	50.000	41.683	16.6	70	0.00
40 TM	Benzene	50.000	47.252	5.5	77	0.00
41 T	Methacrylonitrile	50.000	50.778	-1.6	84	0.00
42 TM	1,2-Dichloroethane	50.000	50.373	-0.7	83	0.00
43 T	Isopropyl Acetate	50.000	49.641	0.7	82	0.00
44 TM	Trichloroethene	50.000	46.415	7.2	77	0.00
45 C	1,2-Dichloropropane	50.000	47.340	5.3#	79	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	49.132	1.7	81	0.00
47 T	Bromodichloromethane	50.000	47.619	4.8	78	0.00
48 T	Methyl methacrylate	50.000	49.845	0.3	82	0.00
49 T	1,4-Dioxane	1000.000	994.165	0.6	85	0.00
50 S	Toluene-d8	50.000	50.953	-1.9	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.758	-2.3	85	0.00
52 CM	Toluene	50.000	47.156	5.7#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	45.640	8.7	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.580	8.8	75	0.00
55 T	1,1,2-Trichloroethane	50.000	47.174	5.7	78	0.00
56 T	Ethyl methacrylate	50.000	47.543	4.9	79	0.00
57 T	1,3-Dichloropropane	50.000	48.045	3.9	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.430	-0.6	80	0.00
59 T	2-Hexanone	250.000	243.428	2.6	81	0.00
60 T	Dibromochloromethane	50.000	47.362	5.3	79	0.00
61 T	1,2-Dibromoethane	50.000	48.394	3.2	80	0.00
62 S	4-Bromofluorobenzene	50.000	49.108	1.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	49.671	0.7	85	0.00
65 PM	Chlorobenzene	50.000	45.350	9.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.220	7.6	81	0.00
67 C	Ethyl Benzene	50.000	45.092	9.8#	77	0.00
68 T	m/p-Xylenes	100.000	90.462	9.5	77	0.00
69 T	o-Xylene	50.000	44.925	10.2	77	0.00
70 T	Styrene	50.000	46.144	7.7	77	0.00
71 P	Bromoform	50.000	46.249	7.5	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	43.794	12.4	77	0.00
74 T	N-amyl acetate	50.000	46.160	7.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.406	9.2	81	0.00
76 T	1,2,3-Trichloropropane	50.000	44.453	11.1	81	0.00
77 T	Bromobenzene	50.000	44.722	10.6	78	0.00
78 T	n-propylbenzene	50.000	42.669	14.7	76	0.00
79 T	2-Chlorotoluene	50.000	44.869	10.3	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.077	9.8	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.913	20.2#	72	0.00
82 T	4-Chlorotoluene	50.000	45.501	9.0	80	0.00
83 T	tert-Butylbenzene	50.000	43.231	13.5	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	43.977	12.0	78	0.00
85 T	sec-Butylbenzene	50.000	42.539	14.9	76	0.00
86 T	p-Isopropyltoluene	50.000	42.455	15.1	76	0.00
87 T	1,3-Dichlorobenzene	50.000	44.324	11.4	80	0.00
88 T	1,4-Dichlorobenzene	50.000	44.903	10.2	81	0.00
89 T	n-Butylbenzene	50.000	42.645	14.7	76	0.00

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90 T	Hexachloroethane	50.000	41.586	16.8	76	0.00
91 T	1,2-Dichlorobenzene	50.000	46.552	6.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.708	8.6	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.780	10.4	81	0.00
94 T	Hexachlorobutadiene	50.000	46.864	6.3	85	0.00
95 T	Naphthalene	50.000	45.799	8.4	80	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.289	9.4	81	0.00

(#) = Out of Range

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