

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062905.D
 Acq On : 26 Jun 2019 5:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 07:39:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	43.685	12.6	68	0.00
3 P	Chloromethane	50.000	43.859	12.3	71	0.01
4 C	Vinyl Chloride	50.000	45.959	8.1#	70	0.00
5 T	Bromomethane	50.000	51.267	-2.5	69	0.00
6 T	Chloroethane	50.000	50.812	-1.6	74	0.00
7 T	Trichlorofluoromethane	50.000	50.773	-1.5	77	0.00
8 T	Diethyl Ether	50.000	52.891	-5.8	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.991	2.0	77	0.00
10 T	Methyl Iodide	50.000	50.328	-0.7	74	0.00
11 T	Tert butyl alcohol	250.000	257.459	-3.0	84	0.00
12 CM	1,1-Dichloroethene	50.000	46.554	6.9#	72	0.00
13 T	Acrolein	250.000	198.666	20.5#	65	0.00
14 T	Allyl chloride	50.000	48.909	2.2	72	0.00
15 T	Acrylonitrile	250.000	271.788	-8.7	82	0.00
16 T	Acetone	250.000	253.950	-1.6	78	0.00
17 T	Carbon Disulfide	50.000	43.987	12.0	67	0.00
18 T	Methyl Acetate	50.000	88.491	-77.0#	140	0.00
19 T	Methyl tert-butyl Ether	50.000	56.035	-12.1	81	0.00
20 T	Methylene Chloride	50.000	51.388	-2.8	81	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.550	0.9	75	0.00
22 T	Diisopropyl ether	50.000	55.982	-12.0	85	0.00
23 T	Vinyl Acetate	250.000	244.583	2.2	73	0.00
24 P	1,1-Dichloroethane	50.000	50.904	-1.8	76	-0.02
25 T	2-Butanone	250.000	286.415	-14.6	86	0.00
26 T	2,2-Dichloropropane	50.000	44.284	11.4	66	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.122	-2.2	78	0.00
28 T	Bromochloromethane	50.000	55.077	-10.2	85	-0.02
29	Tetrahydrofuran	250.000	271.376	-8.6	84	0.00
30 C	Chloroform	50.000	57.019	-14.0#	86	-0.02
31 T	Cyclohexane	50.000	45.162	9.7	68	0.00
32 T	1,1,1-Trichloroethane	50.000	52.476	-5.0	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.459	-6.9	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	53.298	-6.6	90	0.00
36 T	1,1-Dichloropropene	50.000	47.533	4.9	71	0.00
37 T	Ethyl Acetate	50.000	55.104	-10.2	85	0.00
38 T	Carbon Tetrachloride	50.000	51.529	-3.1	78	0.00
39 T	Methylcyclohexane	50.000	45.175	9.7	68	0.00
40 TM	Benzene	50.000	52.604	-5.2	79	0.00
41 T	Methacrylonitrile	50.000	55.270	-10.5	85	0.00
42 TM	1,2-Dichloroethane	50.000	60.582	-21.2#	89	0.00
43 T	Isopropyl Acetate	50.000	60.991	-22.0#	89	0.00
44 TM	Trichloroethene	50.000	55.295	-10.6	82	0.00
45 C	1,2-Dichloropropane	50.000	53.019	-6.0#	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	56.531	-13.1	87	0.00
47 T	Bromodichloromethane	50.000	60.397	-20.8#	86	0.00
48 T	Methyl methacrylate	50.000	57.052	-14.1	90	0.00
49 T	1,4-Dioxane	1000.000	1174.870	-17.5	90	0.00
50 S	Toluene-d8	50.000	51.801	-3.6	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.445	-17.4	91	0.00
52 CM	Toluene	50.000	51.271	-2.5#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	59.036	-18.1	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.670	-9.3	82	0.00
55 T	1,1,2-Trichloroethane	50.000	58.659	-17.3	93	0.00
56 T	Ethyl methacrylate	50.000	58.221	-16.4	87	0.00
57 T	1,3-Dichloropropane	50.000	57.067	-14.1	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	319.499	-27.8#	100	0.00
59 T	2-Hexanone	250.000	317.787	-27.1#	95	0.00
60 T	Dibromochloromethane	50.000	61.395	-22.8#	93	0.00
61 T	1,2-Dibromoethane	50.000	59.418	-18.8	90	0.00
62 S	4-Bromofluorobenzene	50.000	55.811	-11.6	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	61.553	-23.1#	98	0.00
65 PM	Chlorobenzene	50.000	52.703	-5.4	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.043	-12.1	86	0.00
67 C	Ethyl Benzene	50.000	52.906	-5.8#	84	0.00
68 T	m/p-Xylenes	100.000	101.033	-1.0	76	0.00
69 T	o-Xylene	50.000	54.749	-9.5	80	0.00
70 T	Styrene	50.000	55.332	-10.7	83	0.00
71 P	Bromoform	50.000	58.604	-17.2	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	47.089	5.8	78	0.00
74 T	N-amyl acetate	50.000	51.381	-2.8	79	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.872	-9.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	56.396	-12.8	92	0.00
77 T	Bromobenzene	50.000	53.655	-7.3	85	0.00
78 T	n-propylbenzene	50.000	45.411	9.2	78	0.00
79 T	2-Chlorotoluene	50.000	47.593	4.8	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.586	-1.2	85	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.525	-1.0	83	0.00
82 T	4-Chlorotoluene	50.000	51.692	-3.4	87	0.00
83 T	tert-Butylbenzene	50.000	46.773	6.5	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.409	9.2	73	0.00
85 T	sec-Butylbenzene	50.000	44.491	11.0	75	0.00
86 T	p-Isopropyltoluene	50.000	49.249	1.5	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.420	1.2	80	0.00
88 T	1,4-Dichlorobenzene	50.000	46.636	6.7	76	0.00
89 T	n-Butylbenzene	50.000	45.792	8.4	78	0.00

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90 T	Hexachloroethane	50.000	49.001	2.0	77	0.00
91 T	1,2-Dichlorobenzene	50.000	53.797	-7.6	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.369	-18.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.366	1.3	84	0.00
94 T	Hexachlorobutadiene	50.000	46.628	6.7	77	0.00
95 T	Naphthalene	50.000	57.635	-15.3	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.843	-1.7	85	0.00

(#) = Out of Range

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