

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062719\
 Data File : VD062924.D
 Acq On : 27 Jun 2019 10:54
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 02:27:23 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	74	-0.03
2 T	Dichlorodifluoromethane	50.000	45.812	8.4	68	-0.01
3 P	Chloromethane	50.000	43.083	13.8	66	0.00
4 C	Vinyl Chloride	50.000	46.085	7.8#	66	-0.01
5 T	Bromomethane	50.000	53.452	-6.9	68	-0.02
6 T	Chloroethane	50.000	51.137	-2.3	70	-0.01
7 T	Trichlorofluoromethane	50.000	54.110	-8.2	78	-0.01
8 T	Diethyl Ether	50.000	45.301	9.4	59	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.387	5.2	70	-0.02
10 T	Methyl Iodide	50.000	42.955	14.1	60	-0.03
11 T	Tert butyl alcohol	250.000	232.950	6.8	73	-0.02
12 CM	1,1-Dichloroethene	50.000	47.165	5.7#	70	-0.03
13 T	Acrolein	250.000	191.960	23.2#	60	-0.01
14 T	Allyl chloride	50.000	44.470	11.1	62	-0.03
15 T	Acrylonitrile	250.000	212.981	14.8	61	-0.03
16 T	Acetone	250.000	255.636	-2.3	75	-0.03
17 T	Carbon Disulfide	50.000	40.309	19.4	58	-0.02
18 T	Methyl Acetate	50.000	43.085	13.8	65	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.335	1.3	68	-0.03
20 T	Methylene Chloride	50.000	44.234	11.5	66	-0.03
21 T	trans-1,2-Dichloroethene	50.000	46.409	7.2	67	-0.03
22 T	Diisopropyl ether	50.000	46.863	6.3	68	-0.04
23 T	Vinyl Acetate	250.000	244.796	2.1	70	-0.03
24 P	1,1-Dichloroethane	50.000	44.822	10.4	64	-0.03
25 T	2-Butanone	250.000	251.655	-0.7	72	-0.03
26 T	2,2-Dichloropropane	50.000	52.423	-4.8	74	-0.03
27 T	cis-1,2-Dichloroethene	50.000	43.514	13.0	63	-0.04
28 T	Bromochloromethane	50.000	51.838	-3.7	76	-0.03
29	Tetrahydrofuran	250.000	222.191	11.1	66	-0.03
30 C	Chloroform	50.000	51.670	-3.3#	74	-0.04
31 T	Cyclohexane	50.000	44.237	11.5	64	-0.03
32 T	1,1,1-Trichloroethane	50.000	54.197	-8.4	76	-0.03
33 S	1,2-Dichloroethane-d4	50.000	53.710	-7.4	83	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	-0.02
35 S	Dibromofluoromethane	50.000	51.797	-3.6	76	-0.03
36 T	1,1-Dichloropropene	50.000	53.326	-6.7	69	-0.02
37 T	Ethyl Acetate	50.000	46.357	7.3	63	-0.03
38 T	Carbon Tetrachloride	50.000	59.769	-19.5	79	-0.03
39 T	Methylcyclohexane	50.000	50.264	-0.5	66	-0.03
40 TM	Benzene	50.000	51.674	-3.3	68	-0.03
41 T	Methacrylonitrile	50.000	49.816	0.4	67	-0.02
42 TM	1,2-Dichloroethane	50.000	59.550	-19.1	77	-0.03
43 T	Isopropyl Acetate	50.000	56.523	-13.0	72	-0.02
44 TM	Trichloroethene	50.000	51.372	-2.7	67	-0.02
45 C	1,2-Dichloropropane	50.000	51.145	-2.3#	69	-0.03

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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	55.700	-11.4	75	-0.02
47 T	Bromodichloromethane	50.000	60.503	-21.0#	76	-0.03
48 T	Methyl methacrylate	50.000	54.568	-9.1	76	-0.02
49 T	1,4-Dioxane	1000.000	1113.563	-11.4	75	-0.03
50 S	Toluene-d8	50.000	52.459	-4.9	72	-0.02
51 T	4-Methyl-2-Pentanone	250.000	277.257	-10.9	75	-0.02
52 CM	Toluene	50.000	54.598	-9.2#	71	-0.02
53 T	t-1,3-Dichloropropene	50.000	60.436	-20.9#	80	-0.02
54 T	cis-1,3-Dichloropropene	50.000	56.609	-13.2	74	-0.02
55 T	1,1,2-Trichloroethane	50.000	54.133	-8.3	75	-0.02
56 T	Ethyl methacrylate	50.000	55.208	-10.4	72	-0.02
57 T	1,3-Dichloropropane	50.000	53.871	-7.7	71	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	270.322	-8.1	74	-0.03
59 T	2-Hexanone	250.000	289.074	-15.6	76	-0.02
60 T	Dibromochloromethane	50.000	56.050	-12.1	74	-0.02
61 T	1,2-Dibromoethane	50.000	55.707	-11.4	74	-0.02
62 S	4-Bromofluorobenzene	50.000	55.610	-11.2	79	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	-0.02
64 T	Tetrachloroethene	50.000	51.707	-3.4	75	-0.02
65 PM	Chlorobenzene	50.000	47.468	5.1	66	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.397	-6.8	75	-0.01
67 C	Ethyl Benzene	50.000	50.837	-1.7#	74	-0.02
68 T	m/p-Xylenes	100.000	99.605	0.4	69	-0.02
69 T	o-Xylene	50.000	55.006	-10.0	74	-0.01
70 T	Styrene	50.000	54.770	-9.5	76	-0.01
71 P	Bromoform	50.000	53.699	-7.4	75	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	-0.01
73 T	Isopropylbenzene	50.000	47.649	4.7	72	-0.01
74 T	N-amyl acetate	50.000	52.044	-4.1	74	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	51.172	-2.3	81	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.034	-2.1	77	-0.01
77 T	Bromobenzene	50.000	47.955	4.1	70	-0.01
78 T	n-propylbenzene	50.000	50.279	-0.6	79	-0.02
79 T	2-Chlorotoluene	50.000	51.481	-3.0	78	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.588	-3.2	80	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	50.919	-1.8	77	-0.01
82 T	4-Chlorotoluene	50.000	52.866	-5.7	82	-0.01
83 T	tert-Butylbenzene	50.000	53.144	-6.3	80	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	48.878	2.2	72	-0.02
85 T	sec-Butylbenzene	50.000	49.357	1.3	77	-0.01
86 T	p-Isopropyltoluene	50.000	47.554	4.9	69	-0.01
87 T	1,3-Dichlorobenzene	50.000	55.312	-10.6	83	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.761	-3.5	78	-0.01
89 T	n-Butylbenzene	50.000	50.883	-1.8	80	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.801	-7.6	78	-0.01
91 T	1,2-Dichlorobenzene	50.000	52.549	-5.1	80	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.834	-21.7#	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.406	-2.8	81	-0.01
94 T	Hexachlorobutadiene	50.000	53.498	-7.0	82	-0.01
95 T	Naphthalene	50.000	55.181	-10.4	81	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.608	-3.2	79	-0.01

(#) = Out of Range

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