

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD070819\
 Data File : VD063049.D
 Acq On : 8 Jul 2019 21:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 09 06:25:33 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	43.249	13.5	71	0.00
3 P	Chloromethane	50.000	43.775	12.5	75	0.00
4 C	Vinyl Chloride	50.000	44.515	11.0#	71	0.00
5 T	Bromomethane	50.000	54.294	-8.6	77	-0.02
6 T	Chloroethane	50.000	53.285	-6.6	81	0.00
7 T	Trichlorofluoromethane	50.000	52.273	-4.5	84	0.00
8 T	Diethyl Ether	50.000	52.459	-4.9	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.426	1.1	82	-0.02
10 T	Methyl Iodide	50.000	52.443	-4.9	81	-0.02
11 T	Tert butyl alcohol	250.000	265.309	-6.1	92	-0.02
12 CM	1,1-Dichloroethene	50.000	48.609	2.8#	80	0.00
13 T	Acrolein	250.000	163.707	34.5#	57	0.00
14 T	Allyl chloride	50.000	50.583	-1.2	79	-0.02
15 T	Acrylonitrile	250.000	279.141	-11.7	89	-0.02
16 T	Acetone	250.000	241.255	3.5	79	0.00
17 T	Carbon Disulfide	50.000	44.905	10.2	72	-0.02
18 T	Methyl Acetate	50.000	60.693	-21.4#	102	0.00
19 T	Methyl tert-butyl Ether	50.000	59.212	-18.4	90	-0.02
20 T	Methylene Chloride	50.000	52.141	-4.3	86	-0.02
21 T	trans-1,2-Dichloroethene	50.000	50.707	-1.4	81	-0.02
22 T	Diisopropyl ether	50.000	55.602	-11.2	90	-0.02
23 T	Vinyl Acetate	250.000	276.109	-10.4	87	0.00
24 P	1,1-Dichloroethane	50.000	50.221	-0.4	79	-0.02
25 T	2-Butanone	250.000	288.430	-15.4	92	0.00
26 T	2,2-Dichloropropane	50.000	53.250	-6.5	83	-0.02
27 T	cis-1,2-Dichloroethene	50.000	55.764	-11.5	89	-0.02
28 T	Bromochloromethane	50.000	57.316	-14.6	94	-0.02
29	Tetrahydrofuran	250.000	284.662	-13.9	93	-0.02
30 C	Chloroform	50.000	56.815	-13.6#	90	-0.02
31 T	Cyclohexane	50.000	50.319	-0.6	80	-0.02
32 T	1,1,1-Trichloroethane	50.000	52.439	-4.9	81	-0.02
33 S	1,2-Dichloroethane-d4	50.000	49.010	2.0	84	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	47.194	5.6	87	0.00
36 T	1,1-Dichloropropene	50.000	52.375	-4.8	85	0.00
37 T	Ethyl Acetate	50.000	50.026	-0.1	85	-0.02
38 T	Carbon Tetrachloride	50.000	52.956	-5.9	88	-0.02
39 T	Methylcyclohexane	50.000	48.730	2.5	80	0.00
40 TM	Benzene	50.000	53.551	-7.1	88	-0.02
41 T	Methacrylonitrile	50.000	56.071	-12.1	94	0.00
42 TM	1,2-Dichloroethane	50.000	55.864	-11.7	90	0.00
43 T	Isopropyl Acetate	50.000	53.402	-6.8	85	0.00
44 TM	Trichloroethene	50.000	53.639	-7.3	87	-0.02
45 C	1,2-Dichloropropane	50.000	50.614	-1.2#	85	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.003	-8.0	91	0.00
47 T	Bromodichloromethane	50.000	57.348	-14.7	90	-0.02
48 T	Methyl methacrylate	50.000	50.743	-1.5	88	-0.02
49 T	1,4-Dioxane	1000.000	1188.580	-18.9	100	-0.02
50 S	Toluene-d8	50.000	46.392	7.2	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	284.950	-14.0	97	0.00
52 CM	Toluene	50.000	54.207	-8.4#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	57.623	-15.2	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.272	-0.5	82	0.00
55 T	1,1,2-Trichloroethane	50.000	56.171	-12.3	98	0.00
56 T	Ethyl methacrylate	50.000	52.723	-5.4	86	0.00
57 T	1,3-Dichloropropane	50.000	51.684	-3.4	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.115	-0.0	86	0.00
59 T	2-Hexanone	250.000	276.254	-10.5	91	0.00
60 T	Dibromochloromethane	50.000	59.772	-19.5	99	-0.02
61 T	1,2-Dibromoethane	50.000	54.770	-9.5	91	0.00
62 S	4-Bromofluorobenzene	50.000	45.881	8.2	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64 T	Tetrachloroethene	50.000	53.546	-7.1	88	0.00
65 PM	Chlorobenzene	50.000	54.582	-9.2	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.811	-17.6	94	0.00
67 C	Ethyl Benzene	50.000	56.806	-13.6#	94	-0.02
68 T	m/p-Xylenes	100.000	109.908	-9.9	86	0.00
69 T	o-Xylene	50.000	59.656	-19.3	91	0.00
70 T	Styrene	50.000	59.256	-18.5	93	0.00
71 P	Bromoform	50.000	60.639	-21.3#	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	52.647	-5.3	91	0.00
74 T	N-amyl acetate	50.000	56.700	-13.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.026	-14.1	103	0.00
76 T	1,2,3-Trichloropropane	50.000	56.988	-14.0	98	0.00
77 T	Bromobenzene	50.000	56.199	-12.4	93	0.00
78 T	n-propylbenzene	50.000	51.811	-3.6	93	0.00
79 T	2-Chlorotoluene	50.000	53.998	-8.0	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.170	1.7	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.937	-13.9	98	0.00
82 T	4-Chlorotoluene	50.000	49.196	1.6	87	0.00
83 T	tert-Butylbenzene	50.000	52.500	-5.0	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.712	-3.4	87	0.00
85 T	sec-Butylbenzene	50.000	52.772	-5.5	93	0.00
86 T	p-Isopropyltoluene	50.000	51.886	-3.8	86	0.00
87 T	1,3-Dichlorobenzene	50.000	52.002	-4.0	89	0.00
88 T	1,4-Dichlorobenzene	50.000	51.783	-3.6	89	0.00
89 T	n-Butylbenzene	50.000	51.597	-3.2	92	0.00

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90 T	Hexachloroethane	50.000	54.757	-9.5	90	0.00
91 T	1,2-Dichlorobenzene	50.000	54.429	-8.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.878	-9.8	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.161	-6.3	95	0.00
94 T	Hexachlorobutadiene	50.000	53.127	-6.3	92	0.00
95 T	Naphthalene	50.000	58.619	-17.2	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.991	-10.0	96	0.00

(#) = Out of Range

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