

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062082.D
 Acq On : 30 Apr 2019 12:28
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00gm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 01:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 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	86	-0.02
2 T	Dichlorodifluoromethane	50.000	51.540	-3.1	87	-0.01
3 P	Chloromethane	50.000	45.098	9.8	84	0.00
4 C	Vinyl Chloride	50.000	46.107	7.8#	83	0.00
5 T	Bromomethane	50.000	55.643	-11.3	88	-0.01
6 T	Chloroethane	50.000	51.190	-2.4	86	-0.01
7 T	Trichlorofluoromethane	50.000	54.796	-9.6	98	-0.01
8 T	Diethyl Ether	50.000	48.594	2.8	89	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.843	-3.7	93	-0.02
10 T	Methyl Iodide	50.000	47.636	4.7	87	-0.02
11 T	Tert butyl alcohol	250.000	256.071	-2.4	93	-0.01
12 CM	1,1-Dichloroethene	50.000	48.825	2.3#	87	-0.02
13 T	Acrolein	250.000	249.769	0.1	102	-0.02
14 T	Allyl chloride	50.000	47.533	4.9	87	-0.02
15 T	Acrylonitrile	250.000	239.592	4.2	87	-0.03
16 T	Acetone	250.000	286.536	-14.6	100	-0.01
17 T	Carbon Disulfide	50.000	45.845	8.3	82	-0.02
18 T	Methyl Acetate	50.000	47.112	5.8	90	-0.02
19 T	Methyl tert-butyl Ether	50.000	45.834	8.3	83	-0.02
20 T	Methylene Chloride	50.000	49.141	1.7	87	-0.01
21 T	trans-1,2-Dichloroethene	50.000	44.051	11.9	77	-0.02
22 T	Diisopropyl ether	50.000	47.263	5.5	86	-0.02
23 T	Vinyl Acetate	250.000	246.308	1.5	87	-0.02
24 P	1,1-Dichloroethane	50.000	47.014	6.0	87	-0.02
25 T	2-Butanone	250.000	239.856	4.1	88	-0.02
26 T	2,2-Dichloropropane	50.000	51.803	-3.6	96	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.949	4.1	90	-0.03
28 T	Bromochloromethane	50.000	49.909	0.2	92	-0.02
29	Tetrahydrofuran	250.000	233.008	6.8	81	-0.02
30 C	Chloroform	50.000	48.249	3.5#	83	-0.03
31 T	Cyclohexane	50.000	46.500	7.0	77	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.680	2.6	80	-0.01
33 S	1,2-Dichloroethane-d4	50.000	53.183	-6.4	101	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	-0.02
35 S	Dibromofluoromethane	50.000	55.555	-11.1	93	-0.02
36 T	1,1-Dichloropropene	50.000	51.188	-2.4	83	-0.02
37 T	Ethyl Acetate	50.000	50.138	-0.3	90	-0.02
38 T	Carbon Tetrachloride	50.000	51.817	-3.6	78	-0.02
39 T	Methylcyclohexane	50.000	57.934	-15.9	95	-0.02
40 TM	Benzene	50.000	49.880	0.2	82	-0.02
41 T	Methacrylonitrile	50.000	50.116	-0.2	78	0.00
42 TM	1,2-Dichloroethane	50.000	54.475	-9.0	93	-0.02
43 T	Isopropyl Acetate	50.000	50.038	-0.1	86	-0.02
44 TM	Trichloroethene	50.000	54.095	-8.2	88	-0.02
45 C	1,2-Dichloropropane	50.000	52.666	-5.3#	88	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.189	-4.4	86	-0.02
47 T	Bromodichloromethane	50.000	53.086	-6.2	90	-0.02
48 T	Methyl methacrylate	50.000	47.881	4.2	85	-0.02
49 T	1,4-Dioxane	1000.000	1073.658	-7.4	84	-0.01
50 S	Toluene-d8	50.000	56.088	-12.2	97	-0.02
51 T	4-Methyl-2-Pentanone	250.000	270.818	-8.3	92	-0.01
52 CM	Toluene	50.000	52.496	-5.0#	93	-0.02
53 T	t-1,3-Dichloropropene	50.000	58.898	-17.8	94	-0.02
54 T	cis-1,3-Dichloropropene	50.000	57.447	-14.9	96	-0.02
55 T	1,1,2-Trichloroethane	50.000	55.203	-10.4	93	-0.02
56 T	Ethyl methacrylate	50.000	52.133	-4.3	89	-0.02
57 T	1,3-Dichloropropane	50.000	54.407	-8.8	95	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	275.319	-10.1	100	-0.02
59 T	2-Hexanone	250.000	285.120	-14.0	96	-0.01
60 T	Dibromochloromethane	50.000	52.170	-4.3	88	-0.01
61 T	1,2-Dibromoethane	50.000	53.852	-7.7	97	-0.01
62 S	4-Bromofluorobenzene	50.000	58.223	-16.4	101	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	-0.01
64 T	Tetrachloroethene	50.000	48.627	2.7	89	-0.02
65 PM	Chlorobenzene	50.000	46.498	7.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.959	-1.9	93	-0.01
67 C	Ethyl Benzene	50.000	48.141	3.7#	90	-0.01
68 T	m/p-Xylenes	100.000	100.811	-0.8	97	0.00
69 T	o-Xylene	50.000	48.428	3.1	93	-0.01
70 T	Styrene	50.000	49.075	1.8	92	-0.01
71 P	Bromoform	50.000	52.888	-5.8	97	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	-0.01
73 T	Isopropylbenzene	50.000	47.322	5.4	94	0.00
74 T	N-amyl acetate	50.000	42.863	14.3	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.134	3.7	93	0.00
76 T	1,2,3-Trichloropropane	50.000	47.114	5.8	89	-0.01
77 T	Bromobenzene	50.000	46.446	7.1	92	0.00
78 T	n-propylbenzene	50.000	49.460	1.1	101	-0.01
79 T	2-Chlorotoluene	50.000	45.454	9.1	91	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	45.150	9.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.585	0.8	99	-0.01
82 T	4-Chlorotoluene	50.000	45.467	9.1	90	-0.01
83 T	tert-Butylbenzene	50.000	49.942	0.1	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.591	-1.2	91	-0.01
85 T	sec-Butylbenzene	50.000	50.711	-1.4	99	0.00
86 T	p-Isopropyltoluene	50.000	43.339	13.3	79	-0.01
87 T	1,3-Dichlorobenzene	50.000	46.147	7.7	91	0.00
88 T	1,4-Dichlorobenzene	50.000	46.746	6.5	89	-0.01
89 T	n-Butylbenzene	50.000	49.338	1.3	97	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.920	-1.8	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.036	3.9	97	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.896	16.2	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.095	7.8	84	0.00
94 T	Hexachlorobutadiene	50.000	47.635	4.7	84	-0.01
95 T	Naphthalene	50.000	45.599	8.8	88	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	46.719	6.6	82	0.00

(#) = Out of Range

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