

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062013.D
 Acq On : 25 Apr 2019 00:13
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 03:46:00 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	45.325	9.3	72	-0.01
3 P	Chloromethane	50.000	39.770	20.5#	70	0.00
4 C	Vinyl Chloride	50.000	44.754	10.5#	76	0.00
5 T	Bromomethane	50.000	51.990	-4.0	79	-0.01
6 T	Chloroethane	50.000	47.189	5.6	75	-0.01
7 T	Trichlorofluoromethane	50.000	52.249	-4.5	89	-0.01
8 T	Diethyl Ether	50.000	45.269	9.5	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.117	9.8	77	-0.01
10 T	Methyl Iodide	50.000	45.425	9.2	78	-0.01
11 T	Tert butyl alcohol	250.000	277.570	-11.0	95	0.00
12 CM	1,1-Dichloroethene	50.000	41.731	16.5#	70	-0.01
13 T	Acrolein	250.000	252.601	-1.0	97	-0.01
14 T	Allyl chloride	50.000	43.932	12.1	76	-0.01
15 T	Acrylonitrile	250.000	249.451	0.2	85	-0.01
16 T	Acetone	250.000	203.407	18.6	67	0.00
17 T	Carbon Disulfide	50.000	43.970	12.1	74	-0.01
18 T	Methyl Acetate	50.000	51.036	-2.1	92	0.00
19 T	Methyl tert-butyl Ether	50.000	49.225	1.5	84	-0.01
20 T	Methylene Chloride	50.000	48.553	2.9	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.054	15.9	70	0.00
22 T	Diisopropyl ether	50.000	47.268	5.5	81	0.00
23 T	Vinyl Acetate	250.000	254.407	-1.8	85	0.00
24 P	1,1-Dichloroethane	50.000	44.289	11.4	77	0.00
25 T	2-Butanone	250.000	259.794	-3.9	90	-0.01
26 T	2,2-Dichloropropane	50.000	44.437	11.1	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.273	3.5	85	0.00
28 T	Bromochloromethane	50.000	52.982	-6.0	92	-0.01
29	Tetrahydrofuran	250.000	268.674	-7.5	88	0.00
30 C	Chloroform	50.000	52.948	-5.9#	85	-0.01
31 T	Cyclohexane	50.000	49.104	1.8	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.055	1.9	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	57.470	-14.9	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	54.759	-9.5	93	-0.01
36 T	1,1-Dichloropropene	50.000	47.657	4.7	78	0.00
37 T	Ethyl Acetate	50.000	51.330	-2.7	94	0.00
38 T	Carbon Tetrachloride	50.000	48.744	2.5	75	0.00
39 T	Methylcyclohexane	50.000	44.109	11.8	73	-0.01
40 TM	Benzene	50.000	48.751	2.5	82	-0.01
41 T	Methacrylonitrile	50.000	54.518	-9.0	87	0.00
42 TM	1,2-Dichloroethane	50.000	52.669	-5.3	92	0.00
43 T	Isopropyl Acetate	50.000	51.593	-3.2	90	-0.01
44 TM	Trichloroethene	50.000	43.622	12.8	72	-0.01
45 C	1,2-Dichloropropane	50.000	45.806	8.4#	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.779	0.4	83	0.00
47 T	Bromodichloromethane	50.000	48.024	4.0	83	-0.01
48 T	Methyl methacrylate	50.000	53.790	-7.6	97	-0.01
49 T	1,4-Dioxane	1000.000	1067.158	-6.7	85	0.00
50 S	Toluene-d8	50.000	47.010	6.0	83	-0.01
51 T	4-Methyl-2-Pentanone	250.000	255.002	-2.0	88	0.00
52 CM	Toluene	50.000	41.936	16.1#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	46.814	6.4	76	-0.01
54 T	cis-1,3-Dichloropropene	50.000	49.045	1.9	84	0.00
55 T	1,1,2-Trichloroethane	50.000	52.255	-4.5	90	0.00
56 T	Ethyl methacrylate	50.000	48.531	2.9	84	0.00
57 T	1,3-Dichloropropane	50.000	50.146	-0.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	248.278	0.7	92	-0.01
59 T	2-Hexanone	250.000	258.332	-3.3	88	0.00
60 T	Dibromochloromethane	50.000	48.596	2.8	83	0.00
61 T	1,2-Dibromoethane	50.000	51.344	-2.7	94	0.00
62 S	4-Bromofluorobenzene	50.000	47.919	4.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	50.204	-0.4	85	0.00
65 PM	Chlorobenzene	50.000	45.329	9.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.263	3.5	81	0.00
67 C	Ethyl Benzene	50.000	46.274	7.5#	80	0.00
68 T	m/p-Xylenes	100.000	87.385	12.6	78	0.00
69 T	o-Xylene	50.000	49.004	2.0	87	-0.01
70 T	Styrene	50.000	46.753	6.5	81	0.00
71 P	Bromoform	50.000	56.645	-13.3	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	46.299	7.4	84	0.00
74 T	N-amyl acetate	50.000	53.054	-6.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.398	-4.8	92	0.00
76 T	1,2,3-Trichloropropane	50.000	52.207	-4.4	90	0.00
77 T	Bromobenzene	50.000	45.962	8.1	83	0.00
78 T	n-propylbenzene	50.000	46.349	7.3	86	0.00
79 T	2-Chlorotoluene	50.000	44.986	10.0	82	0.00
80 T	1,3,5-Trimethylbenzene	50.000	39.947	20.1#	74	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.610	-1.2	92	-0.01
82 T	4-Chlorotoluene	50.000	40.263	19.5	73	0.00
83 T	tert-Butylbenzene	50.000	42.291	15.4	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.827	8.3	75	0.00
85 T	sec-Butylbenzene	50.000	48.261	3.5	86	0.00
86 T	p-Isopropyltoluene	50.000	40.348	19.3	67	0.00
87 T	1,3-Dichlorobenzene	50.000	42.779	14.4	77	0.00
88 T	1,4-Dichlorobenzene	50.000	42.899	14.2	75	0.00
89 T	n-Butylbenzene	50.000	43.135	13.7	77	0.00

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90 T	Hexachloroethane	50.000	44.582	10.8	76	0.00
91 T	1,2-Dichlorobenzene	50.000	44.945	10.1	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.794	-3.6	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.765	-1.5	84	0.00
94 T	Hexachlorobutadiene	50.000	49.633	0.7	80	0.00
95 T	Naphthalene	50.000	53.449	-6.9	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.498	-11.0	89	0.00

(#) = Out of Range

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