

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD042919\
 Data File : VD062080.D
 Acq On : 30 Apr 2019 00:22
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 30 01:29:07 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	71	-0.03
2 T	Dichlorodifluoromethane	50.000	48.254	3.5	67	-0.02
3 P	Chloromethane	50.000	43.917	12.2	67	-0.01
4 C	Vinyl Chloride	50.000	47.204	5.6#	70	-0.01
5 T	Bromomethane	50.000	67.746	-35.5#	84	0.00
6 T	Chloroethane	50.000	56.924	-13.8	79	-0.02
7 T	Trichlorofluoromethane	50.000	53.179	-6.4	78	-0.02
8 T	Diethyl Ether	50.000	56.967	-13.9	86	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.452	3.1	72	-0.02
10 T	Methyl Iodide	50.000	48.242	3.5	73	-0.03
11 T	Tert butyl alcohol	250.000	284.907	-14.0	85	-0.02
12 CM	1,1-Dichloroethene	50.000	45.974	8.1#	67	-0.03
13 T	Acrolein	250.000	185.358	25.9#	62	-0.02
14 T	Allyl chloride	50.000	49.224	1.6	74	-0.03
15 T	Acrylonitrile	250.000	272.304	-8.9	81	-0.04
16 T	Acetone	250.000	265.729	-6.3	76	-0.02
17 T	Carbon Disulfide	50.000	43.233	13.5	63	-0.02
18 T	Methyl Acetate	50.000	57.439	-14.9	89	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.881	-7.8	80	-0.03
20 T	Methylene Chloride	50.000	47.712	4.6	70	-0.02
21 T	trans-1,2-Dichloroethene	50.000	46.630	6.7	67	-0.02
22 T	Diisopropyl ether	50.000	47.453	5.1	71	-0.03
23 T	Vinyl Acetate	250.000	260.984	-4.4	76	-0.04
24 P	1,1-Dichloroethane	50.000	49.812	0.4	76	-0.03
25 T	2-Butanone	250.000	254.852	-1.9	77	-0.03
26 T	2,2-Dichloropropane	50.000	46.332	7.3	71	-0.03
27 T	cis-1,2-Dichloroethene	50.000	47.941	4.1	74	-0.03
28 T	Bromochloromethane	50.000	53.854	-7.7	81	-0.04
29	Tetrahydrofuran	250.000	265.034	-6.0	75	-0.03
30 C	Chloroform	50.000	52.193	-4.4#	73	-0.04
31 T	Cyclohexane	50.000	44.187	11.6	60	-0.03
32 T	1,1,1-Trichloroethane	50.000	52.161	-4.3	71	-0.02
33 S	1,2-Dichloroethane-d4	50.000	55.785	-11.6	87	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	-0.03
35 S	Dibromofluoromethane	50.000	58.226	-16.5	84	-0.03
36 T	1,1-Dichloropropene	50.000	46.870	6.3	65	-0.02
37 T	Ethyl Acetate	50.000	49.209	1.6	76	-0.03
38 T	Carbon Tetrachloride	50.000	49.103	1.8	64	-0.03
39 T	Methylcyclohexane	50.000	49.003	2.0	69	-0.02
40 TM	Benzene	50.000	45.298	9.4	64	-0.03
41 T	Methacrylonitrile	50.000	56.099	-12.2	75	-0.02
42 TM	1,2-Dichloroethane	50.000	53.631	-7.3	79	-0.02
43 T	Isopropyl Acetate	50.000	61.727	-23.5#	91	-0.03
44 TM	Trichloroethene	50.000	53.899	-7.8	76	-0.03
45 C	1,2-Dichloropropane	50.000	53.028	-6.1#	76	-0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.009	-14.0	81	-0.03
47 T	Bromodichloromethane	50.000	59.431	-18.9	87	-0.03
48 T	Methyl methacrylate	50.000	56.546	-13.1	86	-0.03
49 T	1,4-Dioxane	1000.000	1177.456	-17.7	80	-0.02
50 S	Toluene-d8	50.000	58.707	-17.4	87	-0.03
51 T	4-Methyl-2-Pentanone	250.000	310.651	-24.3#	90	-0.02
52 CM	Toluene	50.000	52.529	-5.1#	80	-0.02
53 T	t-1,3-Dichloropropene	50.000	55.951	-11.9	77	-0.02
54 T	cis-1,3-Dichloropropene	50.000	57.647	-15.3	83	-0.02
55 T	1,1,2-Trichloroethane	50.000	56.987	-14.0	83	-0.02
56 T	Ethyl methacrylate	50.000	61.788	-23.6#	91	-0.02
57 T	1,3-Dichloropropane	50.000	52.058	-4.1	78	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	288.582	-15.4	90	-0.03
59 T	2-Hexanone	250.000	292.676	-17.1	85	-0.01
60 T	Dibromochloromethane	50.000	59.151	-18.3	86	-0.02
61 T	1,2-Dibromoethane	50.000	57.767	-15.5	90	-0.02
62 S	4-Bromofluorobenzene	50.000	62.231	-24.5#	93	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	-0.01
64 T	Tetrachloroethene	50.000	48.600	2.8	79	-0.03
65 PM	Chlorobenzene	50.000	48.579	2.8	80	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.632	-3.3	83	-0.01
67 C	Ethyl Benzene	50.000	48.042	3.9#	80	-0.01
68 T	m/p-Xylenes	100.000	87.369	12.6	74	-0.01
69 T	o-Xylene	50.000	48.718	2.6	83	-0.02
70 T	Styrene	50.000	48.846	2.3	81	-0.01
71 P	Bromoform	50.000	56.767	-13.5	93	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	-0.01
73 T	Isopropylbenzene	50.000	48.976	2.0	78	-0.01
74 T	N-amyl acetate	50.000	53.530	-7.1	85	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	54.356	-8.7	84	-0.01
76 T	1,2,3-Trichloropropane	50.000	54.706	-9.4	83	-0.01
77 T	Bromobenzene	50.000	47.848	4.3	77	-0.01
78 T	n-propylbenzene	50.000	49.528	0.9	82	-0.01
79 T	2-Chlorotoluene	50.000	47.954	4.1	77	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.055	3.9	78	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.672	-5.3	84	-0.02
82 T	4-Chlorotoluene	50.000	48.966	2.1	78	-0.02
83 T	tert-Butylbenzene	50.000	50.028	-0.1	77	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	49.232	1.5	72	-0.01
85 T	sec-Butylbenzene	50.000	45.836	8.3	72	-0.01
86 T	p-Isopropyltoluene	50.000	41.931	16.1	62	-0.01
87 T	1,3-Dichlorobenzene	50.000	47.911	4.2	76	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.213	1.6	76	-0.01
89 T	n-Butylbenzene	50.000	46.298	7.4	73	-0.01

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90 T	Hexachloroethane	50.000	50.958	-1.9	76	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.008	-0.0	81	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.334	-8.7	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.957	4.1	70	0.00
94 T	Hexachlorobutadiene	50.000	51.996	-4.0	74	-0.01
95 T	Naphthalene	50.000	54.275	-8.5	85	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	51.486	-3.0	73	0.00

(#) = Out of Range

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