

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122018\
 Data File : VD060659.D
 Acq On : 20 Dec 2018 15:18
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampled :
 ICVVD122018

Quant Time: Dec 21 05:48:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	50.437	-0.9	102	0.00
3 P	Chloromethane	50.000	48.890	2.2	112	0.00
4 C	Vinyl Chloride	50.000	48.585	2.8#	107	0.00
5 T	Bromomethane	50.000	56.117	-12.2	105	0.00
6 T	Chloroethane	50.000	53.317	-6.6	106	0.00
7 T	Trichlorofluoromethane	50.000	49.401	1.2	105	0.00
8 T	Diethyl Ether	50.000	48.309	3.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.304	5.4	105	0.01
10 T	Methyl Iodide	50.000	49.112	1.8	100	0.00
11 T	Tert butyl alcohol	250.000	240.884	3.6	104	0.00
12 CM	1,1-Dichloroethene	50.000	46.664	6.7#	105	0.01
13 T	Acrolein	250.000	209.882	16.0	106	0.00
14 T	Allyl chloride	50.000	46.947	6.1	103	0.01
15 T	Acrylonitrile	250.000	227.711	8.9	100	0.00
16 T	Acetone	250.000	234.690	6.1	102	0.00
17 T	Carbon Disulfide	50.000	49.045	1.9	106	0.00
18 T	Methyl Acetate	50.000	45.912	8.2	99	0.00
19 T	Methyl tert-butyl Ether	50.000	47.054	5.9	100	0.00
20 T	Methylene Chloride	50.000	40.772	18.5	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.989	6.0	103	0.01
22 T	Diisopropyl ether	50.000	46.503	7.0	101	0.00
23 T	Vinyl Acetate	250.000	230.076	8.0	99	0.00
24 P	1,1-Dichloroethane	50.000	47.020	6.0	103	0.00
25 T	2-Butanone	250.000	231.564	7.4	98	0.01
26 T	2,2-Dichloropropane	50.000	47.321	5.4	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.834	6.3	102	0.00
28 T	Bromochloromethane	50.000	44.250	11.5	99	0.00
29	Tetrahydrofuran	250.000	224.310	10.3	98	0.00
30 C	Chloroform	50.000	45.752	8.5#	100	0.00
31 T	Cyclohexane	50.000	46.252	7.5	102	0.00
32 T	1,1,1-Trichloroethane	50.000	48.107	3.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.822	14.4	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	45.557	8.9	102	0.00
36 T	1,1-Dichloropropene	50.000	48.238	3.5	103	0.00
37 T	Ethyl Acetate	50.000	47.515	5.0	101	0.00
38 T	Carbon Tetrachloride	50.000	49.614	0.8	104	0.01
39 T	Methylcyclohexane	50.000	49.154	1.7	102	0.00
40 TM	Benzene	50.000	47.853	4.3	102	0.00
41 T	Methacrylonitrile	50.000	47.078	5.8	95	0.01
42 TM	1,2-Dichloroethane	50.000	47.524	5.0	101	0.00
43 T	Isopropyl Acetate	50.000	47.994	4.0	99	0.00
44 TM	Trichloroethene	50.000	50.117	-0.2	106	0.00
45 C	1,2-Dichloropropane	50.000	47.066	5.9#	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.301	3.4	102	0.00
47 T	Bromodichloromethane	50.000	49.121	1.8	102	0.00
48 T	Methyl methacrylate	50.000	49.997	0.0	102	0.00
49 T	1,4-Dioxane	1000.000	995.478	0.5	101	0.00
50 S	Toluene-d8	50.000	45.468	9.1	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.685	4.9	97	0.00
52 CM	Toluene	50.000	48.117	3.8#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	48.489	3.0	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.194	5.6	97	0.00
55 T	1,1,2-Trichloroethane	50.000	47.126	5.7	101	0.00
56 T	Ethyl methacrylate	50.000	49.524	1.0	96	0.00
57 T	1,3-Dichloropropane	50.000	48.152	3.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	228.590	8.6	99	0.00
59 T	2-Hexanone	250.000	251.544	-0.6	102	0.00
60 T	Dibromochloromethane	50.000	50.032	-0.1	100	0.00
61 T	1,2-Dibromoethane	50.000	49.545	0.9	102	0.00
62 S	4-Bromofluorobenzene	50.000	45.237	9.5	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	48.698	2.6	103	0.00
65 PM	Chlorobenzene	50.000	47.382	5.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.304	3.4	101	0.00
67 C	Ethyl Benzene	50.000	47.603	4.8#	101	0.00
68 T	m/p-Xylenes	100.000	95.183	4.8	101	0.00
69 T	o-Xylene	50.000	48.838	2.3	102	0.00
70 T	Styrene	50.000	49.028	1.9	102	0.00
71 P	Bromoform	50.000	49.830	0.3	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73 T	Isopropylbenzene	50.000	48.594	2.8	102	0.00
74 T	N-amyl acetate	50.000	49.137	1.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.746	2.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	48.220	3.6	100	0.00
77 T	Bromobenzene	50.000	48.398	3.2	100	0.00
78 T	n-propylbenzene	50.000	46.695	6.6	98	0.00
79 T	2-Chlorotoluene	50.000	47.062	5.9	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.706	2.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.932	-1.9	101	0.00
82 T	4-Chlorotoluene	50.000	45.877	8.2	98	0.00
83 T	tert-Butylbenzene	50.000	48.182	3.6	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.871	4.3	100	0.00
85 T	sec-Butylbenzene	50.000	48.561	2.9	100	0.00
86 T	p-Isopropyltoluene	50.000	48.193	3.6	102	0.00
87 T	1,3-Dichlorobenzene	50.000	47.282	5.4	99	0.00
88 T	1,4-Dichlorobenzene	50.000	47.875	4.3	100	0.00
89 T	n-Butylbenzene	50.000	48.220	3.6	102	0.00

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90 T	Hexachloroethane	50.000	49.798	0.4	102	0.00
91 T	1,2-Dichlorobenzene	50.000	47.140	5.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.393	3.2	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.753	2.5	99	0.00
94 T	Hexachlorobutadiene	50.000	48.397	3.2	101	0.00
95 T	Naphthalene	50.000	48.914	2.2	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.967	4.1	97	0.00

(#) = Out of Range

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