

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052319\
 Data File : VD062516.D
 Acq On : 23 May 2019 12:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 01:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 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	96	-0.03
2 T	Dichlorodifluoromethane	50.000	37.853	24.3#	75	0.00
3 P	Chloromethane	50.000	41.598	16.8	87	0.00
4 C	Vinyl Chloride	50.000	41.260	17.5#	82	-0.01
5 T	Bromomethane	50.000	34.597	30.8#	69	-0.01
6 T	Chloroethane	50.000	40.366	19.3	76	-0.02
7 T	Trichlorofluoromethane	50.000	37.293	25.4#	72	-0.01
8 T	Diethyl Ether	50.000	36.648	26.7#	74	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	40.845	18.3	79	-0.01
10 T	Methyl Iodide	50.000	49.284	1.4	88	-0.02
11 T	Tert butyl alcohol	250.000	201.693	19.3	78	-0.03
12 CM	1,1-Dichloroethene	50.000	40.049	19.9#	77	-0.01
13 T	Acrolein	250.000	252.605	-1.0	104	-0.02
14 T	Allyl chloride	50.000	46.068	7.9	94	-0.02
15 T	Acrylonitrile	250.000	247.049	1.2	102	-0.03
16 T	Acetone	250.000	229.145	8.3	84	-0.02
17 T	Carbon Disulfide	50.000	45.843	8.3	89	-0.01
18 T	Methyl Acetate	50.000	42.166	15.7	87	-0.02
19 T	Methyl tert-butyl Ether	50.000	45.168	9.7	91	-0.02
20 T	Methylene Chloride	50.000	44.620	10.8	85	-0.02
21 T	trans-1,2-Dichloroethene	50.000	46.938	6.1	93	-0.02
22 T	Diisopropyl ether	50.000	46.371	7.3	91	-0.03
23 T	Vinyl Acetate	250.000	224.397	10.2	85	-0.03
24 P	1,1-Dichloroethane	50.000	43.732	12.5	89	-0.03
25 T	2-Butanone	250.000	218.058	12.8	83	-0.02
26 T	2,2-Dichloropropane	50.000	42.955	14.1	82	-0.02
27 T	cis-1,2-Dichloroethene	50.000	44.959	10.1	87	-0.03
28 T	Bromochloromethane	50.000	48.260	3.5	94	-0.02
29	Tetrahydrofuran	250.000	224.665	10.1	89	-0.03
30 C	Chloroform	50.000	40.337	19.3#	77	-0.02
31 T	Cyclohexane	50.000	47.070	5.9	88	-0.03
32 T	1,1,1-Trichloroethane	50.000	39.278	21.4#	72	-0.03
33 S	1,2-Dichloroethane-d4	50.000	45.598	8.8	86	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.02
35 S	Dibromofluoromethane	50.000	46.691	6.6	87	-0.03
36 T	1,1-Dichloropropene	50.000	41.512	17.0	83	-0.03
37 T	Ethyl Acetate	50.000	43.832	12.3	85	-0.03
38 T	Carbon Tetrachloride	50.000	38.298	23.4#	75	-0.03
39 T	Methylcyclohexane	50.000	43.395	13.2	86	-0.02
40 TM	Benzene	50.000	43.704	12.6	84	-0.03
41 T	Methacrylonitrile	50.000	41.588	16.8	79	-0.03
42 TM	1,2-Dichloroethane	50.000	38.779	22.4#	76	-0.02
43 T	Isopropyl Acetate	50.000	45.212	9.6	88	-0.02
44 TM	Trichloroethene	50.000	45.253	9.5	84	-0.02
45 C	1,2-Dichloropropane	50.000	43.822	12.4#	87	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	39.884	20.2#	77	-0.02
47 T	Bromodichloromethane	50.000	40.339	19.3	75	-0.03
48 T	Methyl methacrylate	50.000	41.067	17.9	75	-0.03
49 T	1,4-Dioxane	1000.000	942.201	5.8	86	-0.03
50 S	Toluene-d8	50.000	49.470	1.1	94	-0.02
51 T	4-Methyl-2-Pentanone	250.000	204.801	18.1	79	-0.03
52 CM	Toluene	50.000	45.923	8.2#	88	-0.02
53 T	t-1,3-Dichloropropene	50.000	41.629	16.7	80	-0.02
54 T	cis-1,3-Dichloropropene	50.000	44.859	10.3	82	-0.02
55 T	1,1,2-Trichloroethane	50.000	42.727	14.5	86	-0.02
56 T	Ethyl methacrylate	50.000	43.529	12.9	84	-0.02
57 T	1,3-Dichloropropane	50.000	39.686	20.6#	78	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	258.924	-3.6	108	-0.02
59 T	2-Hexanone	250.000	223.037	10.8	83	-0.02
60 T	Dibromochloromethane	50.000	41.371	17.3	78	-0.02
61 T	1,2-Dibromoethane	50.000	40.395	19.2	77	-0.01
62 S	4-Bromofluorobenzene	50.000	47.197	5.6	88	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	-0.01
64 T	Tetrachloroethene	50.000	44.442	11.1	77	-0.02
65 PM	Chlorobenzene	50.000	44.294	11.4	82	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	44.055	11.9	78	-0.02
67 C	Ethyl Benzene	50.000	46.681	6.6#	83	-0.01
68 T	m/p-Xylenes	100.000	89.625	10.4	78	-0.02
69 T	o-Xylene	50.000	44.422	11.2	80	-0.01
70 T	Styrene	50.000	44.708	10.6	81	-0.02
71 P	Bromoform	50.000	45.257	9.5	81	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	-0.02
73 T	Isopropylbenzene	50.000	46.465	7.1	81	-0.01
74 T	N-amyl acetate	50.000	44.333	11.3	83	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	42.256	15.5	81	-0.01
76 T	1,2,3-Trichloropropane	50.000	42.768	14.5	80	-0.01
77 T	Bromobenzene	50.000	44.758	10.5	81	-0.01
78 T	n-propylbenzene	50.000	45.051	9.9	88	-0.01
79 T	2-Chlorotoluene	50.000	42.464	15.1	84	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	43.765	12.5	79	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	46.657	6.7	88	-0.01
82 T	4-Chlorotoluene	50.000	44.727	10.5	82	-0.02
83 T	tert-Butylbenzene	50.000	43.381	13.2	80	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	43.232	13.5	80	-0.01
85 T	sec-Butylbenzene	50.000	46.849	6.3	87	-0.01
86 T	p-Isopropyltoluene	50.000	46.486	7.0	83	-0.01
87 T	1,3-Dichlorobenzene	50.000	45.516	9.0	80	-0.01
88 T	1,4-Dichlorobenzene	50.000	46.411	7.2	86	-0.02
89 T	n-Butylbenzene	50.000	43.657	12.7	82	-0.01

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90 T	Hexachloroethane	50.000	45.918	8.2	85	-0.01
91 T	1,2-Dichlorobenzene	50.000	44.341	11.3	87	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.344	19.3	72	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	42.098	15.8	75	-0.01
94 T	Hexachlorobutadiene	50.000	41.669	16.7	78	-0.01
95 T	Naphthalene	50.000	45.441	9.1	81	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	39.539	20.9#	71	-0.01

(#) = Out of Range

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