

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021319\
 Data File : VF061630.D
 Acq On : 13 Feb 2019 19:29
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVF021319

Quant Time: Feb 14 03:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	-0.01
2 T	Dichlorodifluoromethane	50.000	50.437	-0.9	113	0.00
3 P	Chloromethane	50.000	52.430	-4.9	110	0.00
4 C	Vinyl Chloride	50.000	51.841	-3.7#	109	0.00
5 T	Bromomethane	50.000	55.103	-10.2	109	0.00
6 T	Chloroethane	50.000	52.345	-4.7	109	-0.01
7 T	Trichlorofluoromethane	50.000	52.056	-4.1	110	0.00
8 T	Diethyl Ether	50.000	53.605	-7.2	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.896	-1.8	109	-0.01
10 T	Methyl Iodide	50.000	53.641	-7.3	110	-0.01
11 T	Tert butyl alcohol	250.000	264.473	-5.8	110	0.00
12 CM	1,1-Dichloroethene	50.000	50.488	-1.0#	106	-0.01
13 T	Acrolein	250.000	280.018	-12.0	110	0.00
14 T	Allyl chloride	50.000	63.219	-26.4#	127	0.00
15 T	Acrylonitrile	250.000	255.308	-2.1	107	0.00
16 T	Acetone	250.000	232.286	7.1	93	0.00
17 T	Carbon Disulfide	50.000	52.468	-4.9	108	0.00
18 T	Methyl Acetate	50.000	49.066	1.9	113	0.00
19 T	Methyl tert-butyl Ether	50.000	53.453	-6.9	110	0.00
20 T	Methylene Chloride	50.000	52.095	-4.2	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.711	-1.4	106	0.00
22 T	Diisopropyl ether	50.000	52.899	-5.8	110	0.00
23 T	Vinyl Acetate	250.000	275.021	-10.0	115	-0.01
24 P	1,1-Dichloroethane	50.000	52.867	-5.7	113	0.00
25 T	2-Butanone	250.000	266.425	-6.6	112	0.00
26 T	2,2-Dichloropropane	50.000	53.744	-7.5	112	-0.01
27 T	cis-1,2-Dichloroethene	50.000	54.174	-8.3	114	0.00
28 T	Bromochloromethane	50.000	52.151	-4.3	100	0.00
29	Tetrahydrofuran	250.000	256.429	-2.6	110	-0.01
30 C	Chloroform	50.000	52.074	-4.1#	106	0.00
31 T	Cyclohexane	50.000	51.949	-3.9	109	0.00
32 T	1,1,1-Trichloroethane	50.000	54.196	-8.4	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.587	-5.2	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	52.022	-4.0	106	0.00
36 T	1,1-Dichloropropene	50.000	55.546	-11.1	116	-0.01
37 T	Ethyl Acetate	50.000	50.621	-1.2	111	-0.01
38 T	Carbon Tetrachloride	50.000	57.226	-14.5	120	0.00
39 T	Methylcyclohexane	50.000	57.234	-14.5	116	0.00
40 TM	Benzene	50.000	55.646	-11.3	114	0.00
41 T	Methacrylonitrile	50.000	54.253	-8.5	111	0.00
42 TM	1,2-Dichloroethane	50.000	55.269	-10.5	110	0.00
43 T	Isopropyl Acetate	50.000	53.939	-7.9	117	0.00
44 TM	Trichloroethene	50.000	54.334	-8.7	113	0.00
45 C	1,2-Dichloropropane	50.000	55.446	-10.9#	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.553	-11.1	108	-0.01
47 T	Bromodichloromethane	50.000	52.733	-5.5	104	0.00
48 T	Methyl methacrylate	50.000	58.874	-17.7	120	0.00
49 T	1,4-Dioxane	1000.000	1075.973	-7.6	105	0.00
50 S	Toluene-d8	50.000	56.976	-14.0	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.023	-6.8	110	0.00
52 CM	Toluene	50.000	53.832	-7.7#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	54.032	-8.1	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.230	-12.5	115	0.00
55 T	1,1,2-Trichloroethane	50.000	55.950	-11.9	111	0.00
56 T	Ethyl methacrylate	50.000	55.611	-11.2	116	0.00
57 T	1,3-Dichloropropane	50.000	53.013	-6.0	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	286.436	-14.6	120	0.00
59 T	2-Hexanone	250.000	268.481	-7.4	112	0.00
60 T	Dibromochloromethane	50.000	56.181	-12.4	111	0.00
61 T	1,2-Dibromoethane	50.000	54.777	-9.6	111	0.00
62 S	4-Bromofluorobenzene	50.000	53.206	-6.4	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	55.978	-12.0	112	0.00
65 PM	Chlorobenzene	50.000	55.524	-11.0	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.467	-8.9	109	0.00
67 C	Ethyl Benzene	50.000	53.818	-7.6#	112	0.00
68 T	m/p-Xylenes	100.000	104.609	-4.6	108	0.00
69 T	o-Xylene	50.000	55.638	-11.3	110	0.00
70 T	Styrene	50.000	55.299	-10.6	114	0.00
71 P	Bromoform	50.000	54.837	-9.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	55.411	-10.8	116	0.00
74 T	N-amyl acetate	50.000	55.442	-10.9	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.704	-7.4	112	0.00
76 T	1,2,3-Trichloropropane	50.000	51.517	-3.0	107	0.00
77 T	Bromobenzene	50.000	54.912	-9.8	118	0.00
78 T	n-propylbenzene	50.000	53.085	-6.2	113	0.00
79 T	2-Chlorotoluene	50.000	51.069	-2.1	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.902	-5.8	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.766	-9.5	110	0.00
82 T	4-Chlorotoluene	50.000	51.352	-2.7	109	0.00
83 T	tert-Butylbenzene	50.000	53.318	-6.6	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.621	-7.2	114	0.00
85 T	sec-Butylbenzene	50.000	52.894	-5.8	109	0.00
86 T	p-Isopropyltoluene	50.000	52.730	-5.5	111	0.00
87 T	1,3-Dichlorobenzene	50.000	51.920	-3.8	112	0.00
88 T	1,4-Dichlorobenzene	50.000	54.879	-9.8	118	0.00
89 T	n-Butylbenzene	50.000	53.836	-7.7	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.094	-10.2	110	0.00
91 T	1,2-Dichlorobenzene	50.000	50.908	-1.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.943	-5.9	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.747	-3.5	110	0.00
94 T	Hexachlorobutadiene	50.000	53.326	-6.7	111	0.00
95 T	Naphthalene	50.000	54.056	-8.1	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.643	-7.3	109	0.00

(#) = Out of Range

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