

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Quant Time: Dec 11 03:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	43.989	12.0	99	0.00
3 P	Chloromethane	50.000	47.439	5.1	100	0.00
4 C	Vinyl Chloride	50.000	47.722	4.6#	99	0.00
5 T	Bromomethane	50.000	49.233	1.5	100	0.00
6 T	Chloroethane	50.000	49.252	1.5	96	0.00
7 T	Trichlorofluoromethane	50.000	48.462	3.1	99	0.00
8 T	Diethyl Ether	50.000	44.511	11.0	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.232	7.5	92	0.02
10 T	Methyl Iodide	50.000	47.900	4.2	93	0.00
11 T	Tert butyl alcohol	250.000	228.823	8.5	94	0.00
12 CM	1,1-Dichloroethene	50.000	46.190	7.6#	92	0.00
13 T	Acrolein	250.000	204.948	18.0	82	0.00
14 T	Allyl chloride	50.000	47.886	4.2	94	0.00
15 T	Acrylonitrile	250.000	220.559	11.8	85	0.00
16 T	Acetone	250.000	220.449	11.8	84	0.00
17 T	Carbon Disulfide	50.000	47.551	4.9	95	0.00
18 T	Methyl Acetate	50.000	43.686	12.6	85	0.00
19 T	Methyl tert-butyl Ether	50.000	46.573	6.9	89	0.00
20 T	Methylene Chloride	50.000	47.128	5.7	90	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.909	6.2	91	0.00
22 T	Diisopropyl ether	50.000	47.384	5.2	90	0.00
23 T	Vinyl Acetate	250.000	233.517	6.6	88	0.00
24 P	1,1-Dichloroethane	50.000	45.189	9.6	88	0.00
25 T	2-Butanone	250.000	222.198	11.1	83	0.00
26 T	2,2-Dichloropropane	50.000	47.341	5.3	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.133	5.7	90	0.00
28 T	Bromochloromethane	50.000	49.890	0.2	96	0.00
29 T	Tetrahydrofuran	250.000	226.130	9.5	84	0.00
30 C	Chloroform	50.000	46.444	7.1#	90	0.00
31 T	Cyclohexane	50.000	44.273	11.5	92	0.00
32 T	1,1,1-Trichloroethane	50.000	47.724	4.6	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.303	-0.6	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	51.546	-3.1	95	0.00
36 T	1,1-Dichloropropene	50.000	46.905	6.2	92	0.00
37 T	Ethyl Acetate	50.000	44.594	10.8	89	0.00
38 T	Carbon Tetrachloride	50.000	47.950	4.1	93	0.00
39 T	Methylcyclohexane	50.000	46.963	6.1	92	0.00
40 TM	Benzene	50.000	47.775	4.5	91	0.00
41 T	Methacrylonitrile	50.000	52.076	-4.2	95	0.00
42 TM	1,2-Dichloroethane	50.000	46.134	7.7	88	0.00
43 T	Isopropyl Acetate	50.000	45.660	8.7	86	0.00
44 TM	Trichloroethene	50.000	48.564	2.9	95	0.00
45 C	1,2-Dichloropropane	50.000	47.992	4.0#	91	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.239	5.5	92	0.00
47 T	Bromodichloromethane	50.000	46.599	6.8	88	0.00
48 T	Methyl methacrylate	50.000	43.943	12.1	82	0.00
49 T	1,4-Dioxane	1000.000	939.728	6.0	89	0.00
50 S	Toluene-d8	50.000	53.277	-6.6	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.260	9.1	85	0.00
52 CM	Toluene	50.000	47.937	4.1#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	45.898	8.2	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.210	5.6	90	0.00
55 T	1,1,2-Trichloroethane	50.000	46.879	6.2	90	0.00
56 T	Ethyl methacrylate	50.000	48.232	3.5	89	0.00
57 T	1,3-Dichloropropane	50.000	45.828	8.3	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.761	0.1	86	0.00
59 T	2-Hexanone	250.000	241.698	3.3	91	0.00
60 T	Dibromochloromethane	50.000	48.314	3.4	91	0.00
61 T	1,2-Dibromoethane	50.000	45.181	9.6	89	0.00
62 S	4-Bromofluorobenzene	50.000	50.205	-0.4	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	49.031	1.9	95	0.00
65 PM	Chlorobenzene	50.000	47.490	5.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.842	0.3	93	0.00
67 C	Ethyl Benzene	50.000	48.586	2.8#	89	0.00
68 T	m/p-Xylenes	100.000	103.067	-3.1	97	0.00
69 T	o-Xylene	50.000	50.878	-1.8	89	0.00
70 T	Styrene	50.000	52.867	-5.7	96	0.00
71 P	Bromoform	50.000	47.617	4.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	48.624	2.8	93	0.00
74 T	N-amyl acetate	50.000	45.158	9.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.064	1.9	86	0.00
76 T	1,2,3-Trichloropropane	50.000	50.064	-0.1	84	0.00
77 T	Bromobenzene	50.000	49.293	1.4	90	0.00
78 T	n-propylbenzene	50.000	51.586	-3.2	94	0.00
79 T	2-Chlorotoluene	50.000	47.137	5.7	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.814	2.4	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.869	0.3	93	0.00
82 T	4-Chlorotoluene	50.000	48.433	3.1	90	0.00
83 T	tert-Butylbenzene	50.000	48.902	2.2	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.410	-0.8	95	0.00
85 T	sec-Butylbenzene	50.000	51.031	-2.1	99	0.00
86 T	p-Isopropyltoluene	50.000	50.392	-0.8	92	0.00
87 T	1,3-Dichlorobenzene	50.000	46.283	7.4	86	0.00
88 T	1,4-Dichlorobenzene	50.000	47.447	5.1	91	0.00
89 T	n-Butylbenzene	50.000	47.894	4.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.495	5.0	90	0.00
91 T	1,2-Dichlorobenzene	50.000	48.329	3.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.374	7.3	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.432	3.1	92	0.00
94 T	Hexachlorobutadiene	50.000	49.303	1.4	93	0.00
95 T	Naphthalene	50.000	47.693	4.6	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.546	0.9	90	0.00

(#) = Out of Range

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