

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007186.D
 Acq On : 04 Dec 2018 14:29
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120418

Quant Time: Dec 05 05:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	45.192	9.6	91	0.00
3 P	Chloromethane	50.000	42.785	14.4	83	0.00
4 C	Vinyl Chloride	50.000	49.561	0.9#	91	0.00
5 T	Bromomethane	50.000	56.109	-12.2	102	0.00
6 T	Chloroethane	50.000	49.920	0.2	92	0.00
7 T	Trichlorofluoromethane	50.000	47.660	4.7	91	0.00
8 T	Diethyl Ether	50.000	48.076	3.8	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.891	2.2	91	0.00
10 T	Methyl Iodide	50.000	51.157	-2.3	95	0.00
11 T	Tert butyl alcohol	250.000	279.490	-11.8	107	-0.02
12 CM	1,1-Dichloroethene	50.000	48.338	3.3#	91	0.00
13 T	Acrolein	250.000	248.893	0.4	91	0.00
14 T	Allyl chloride	50.000	48.545	2.9	89	0.00
15 T	Acrylonitrile	250.000	265.883	-6.4	91	0.00
16 T	Acetone	250.000	284.508	-13.8	90	0.00
17 T	Carbon Disulfide	50.000	48.899	2.2	89	0.00
18 T	Methyl Acetate	50.000	50.005	-0.0	90	0.00
19 T	Methyl tert-butyl Ether	50.000	49.980	0.0	88	0.00
20 T	Methylene Chloride	50.000	48.985	2.0	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.130	3.7	89	0.00
22 T	Diisopropyl ether	50.000	49.932	0.1	87	0.00
23 T	Vinyl Acetate	250.000	263.565	-5.4	90	0.00
24 P	1,1-Dichloroethane	50.000	49.351	1.3	90	0.00
25 T	2-Butanone	250.000	262.037	-4.8	88	0.00
26 T	2,2-Dichloropropane	50.000	49.374	1.3	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.879	2.2	89	0.00
28 T	Bromochloromethane	50.000	48.274	3.5	91	0.00
29 T	Tetrahydrofuran	250.000	258.223	-3.3	90	0.00
30 C	Chloroform	50.000	48.216	3.6#	89	0.00
31 T	Cyclohexane	50.000	48.810	2.4	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.915	0.2	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.220	1.6	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	49.204	1.6	88	0.00
36 T	1,1-Dichloropropene	50.000	49.695	0.6	88	0.00
37 T	Ethyl Acetate	50.000	51.212	-2.4	90	0.00
38 T	Carbon Tetrachloride	50.000	49.719	0.6	90	0.00
39 T	Methylcyclohexane	50.000	51.204	-2.4	92	0.00
40 TM	Benzene	50.000	50.187	-0.4	89	0.00
41 T	Methacrylonitrile	50.000	50.576	-1.2	84	0.00
42 TM	1,2-Dichloroethane	50.000	49.825	0.3	90	0.00
43 T	Isopropyl Acetate	50.000	51.995	-4.0	89	0.00
44 TM	Trichloroethene	50.000	50.170	-0.3	88	0.00
45 C	1,2-Dichloropropane	50.000	50.229	-0.5#	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	50.446	-0.9	92	0.00
47 T	Bromodichloromethane	50.000	48.197	3.6	86	0.00
48 T	Methyl methacrylate	50.000	50.914	-1.8	83	0.00
49 T	1,4-Dioxane	1000.000	1114.634	-11.5	97	0.00
50 S	Toluene-d8	50.000	50.030	-0.1	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.946	-7.6	89	0.00
52 CM	Toluene	50.000	50.704	-1.4#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	51.659	-3.3	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.078	-0.2	86	0.00
55 T	1,1,2-Trichloroethane	50.000	49.908	0.2	89	0.00
56 T	Ethyl methacrylate	50.000	54.492	-9.0	92	0.00
57 T	1,3-Dichloropropane	50.000	51.021	-2.0	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.894	-2.4	90	0.00
59 T	2-Hexanone	250.000	278.823	-11.5	90	0.00
60 T	Dibromochloromethane	50.000	49.959	0.1	89	0.00
61 T	1,2-Dibromoethane	50.000	52.136	-4.3	90	0.00
62 S	4-Bromofluorobenzene	50.000	48.888	2.2	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	51.683	-3.4	88	0.00
65 PM	Chlorobenzene	50.000	51.689	-3.4	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.105	-4.2	88	0.00
67 C	Ethyl Benzene	50.000	50.958	-1.9#	88	0.00
68 T	m/p-Xylenes	100.000	105.262	-5.3	91	0.00
69 T	o-Xylene	50.000	51.018	-2.0	87	0.00
70 T	Styrene	50.000	50.587	-1.2	86	0.00
71 P	Bromoform	50.000	53.818	-7.6	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	52.260	-4.5	89	0.00
74 T	N-amyl acetate	50.000	54.300	-8.6	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.663	-9.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	30.045	39.9#	115	0.00
77 T	Bromobenzene	50.000	51.274	-2.5	90	0.00
78 T	n-propylbenzene	50.000	51.262	-2.5	93	0.00
79 T	2-Chlorotoluene	50.000	49.925	0.2	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.594	0.8	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.749	-9.5	86	0.00
82 T	4-Chlorotoluene	50.000	51.456	-2.9	93	0.00
83 T	tert-Butylbenzene	50.000	52.073	-4.1	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.880	2.2	85	0.00
85 T	sec-Butylbenzene	50.000	50.577	-1.2	92	0.00
86 T	p-Isopropyltoluene	50.000	51.182	-2.4	93	0.00
87 T	1,3-Dichlorobenzene	50.000	51.647	-3.3	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.433	1.1	87	0.00
89 T	n-Butylbenzene	50.000	51.734	-3.5	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.425	-2.8	88	0.00
91 T	1,2-Dichlorobenzene	50.000	50.927	-1.9	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.721	-3.4	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.809	0.4	86	0.00
94 T	Hexachlorobutadiene	50.000	49.949	0.1	88	0.00
95 T	Naphthalene	50.000	52.167	-4.3	86	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.320	1.4	86	0.00

(#) = Out of Range

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