

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121518\
 Data File : VW007471.D
 Acq On : 13 Dec 2018 06:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 07:29:57 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	0.349	0.295	15.5	87	0.00
3 P	Chloromethane	0.293	0.261	10.9	87	0.00
4 C	Vinyl Chloride	0.343	0.326	5.0#	90	0.00
5 T	Bromomethane	0.231	0.235	-1.7	95	0.00
6 T	Chloroethane	0.189	0.201	-6.3	95	0.00
7 T	Trichlorofluoromethane	0.309	0.290	6.1	88	0.00
8 T	Diethyl Ether	0.242	0.248	-2.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.509	0.481	5.5	86	0.01
10 T	Methyl Iodide	0.844	0.873	-3.4	93	0.00
11 T	Tert butyl alcohol	0.038	0.038	0.0	95	0.00
12 CM	1,1-Dichloroethene	0.490	0.481	1.8#	89	0.00
13 T	Acrolein	0.025	0.028	-12.0	104	0.00
14 T	Allyl chloride	0.723	0.710	1.8	89	0.00
15 T	Acrylonitrile	0.102	0.106	-3.9	92	0.00
16 T	Acetone	0.097	0.094	3.1	85	0.00
17 T	Carbon Disulfide	1.487	1.421	4.4	88	0.00
18 T	Methyl Acetate	0.263	0.271	-3.0	92	0.00
19 T	Methyl tert-butyl Ether	0.740	0.805	-8.8	95	0.00
20 T	Methylene Chloride	0.615	0.563	8.5	93	0.01
21 T	trans-1,2-Dichloroethene	0.549	0.547	0.4	89	0.00
22 T	Diisopropyl ether	1.390	1.458	-4.9	92	0.00
23 T	Vinyl Acetate	0.777	0.816	-5.0	90	0.00
24 P	1,1-Dichloroethane	0.939	0.965	-2.8	92	0.00
25 T	2-Butanone	0.126	0.131	-4.0	89	0.00
26 T	2,2-Dichloropropane	0.622	0.584	6.1	85	0.00
27 T	cis-1,2-Dichloroethene	0.601	0.612	-1.8	89	0.00
28 T	Bromochloromethane	0.353	0.339	4.0	84	0.00
29 T	Tetrahydrofuran	0.080	0.083	-3.8	89	0.00
30 C	Chloroform	1.022	1.052	-2.9#	92	0.00
31 T	Cyclohexane	0.862	0.758	12.1	84	0.00
32 T	1,1,1-Trichloroethane	0.896	0.892	0.4	90	0.00
33 S	1,2-Dichloroethane-d4	0.555	0.559	-0.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.303	0.306	-1.0	87	0.00
36 T	1,1-Dichloropropene	0.456	0.444	2.6	89	0.00
37 T	Ethyl Acetate	0.170	0.176	-3.5	96	0.00
38 T	Carbon Tetrachloride	0.496	0.487	1.8	88	0.00
39 T	Methylcyclohexane	0.552	0.525	4.9	86	0.00
40 TM	Benzene	1.266	1.275	-0.7	89	0.00
41 T	Methacrylonitrile	0.097	0.089	8.2	78	0.00
42 TM	1,2-Dichloroethane	0.398	0.412	-3.5	91	0.00
43 T	Isopropyl Acetate	0.335	0.348	-3.9	91	0.00
44 TM	Trichloroethene	0.361	0.364	-0.8	91	0.00
45 C	1,2-Dichloropropane	0.293	0.308	-5.1#	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.166	0.175	-5.4	95	0.00
47 T	Bromodichloromethane	0.436	0.453	-3.9	91	0.00
48 T	Methyl methacrylate	0.172	0.176	-2.3	89	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	100	0.00
50 S	Toluene-d8	1.135	1.142	-0.6	86	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.170	-7.6	93	0.00
52 CM	Toluene	0.819	0.845	-3.2#	90	0.00
53 T	t-1,3-Dichloropropene	0.424	0.449	-5.9	94	0.00
54 T	cis-1,3-Dichloropropene	0.490	0.505	-3.1	91	0.00
55 T	1,1,2-Trichloroethane	0.226	0.245	-8.4	96	0.00
56 T	Ethyl methacrylate	0.272	0.299	-9.9	94	0.00
57 T	1,3-Dichloropropane	0.372	0.415	-11.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.131	-4.8	84	0.00
59 T	2-Hexanone	0.106	0.120	-13.2	99	0.00
60 T	Dibromochloromethane	0.286	0.316	-10.5	97	0.00
61 T	1,2-Dibromoethane	0.224	0.244	-8.9	100	0.00
62 S	4-Bromofluorobenzene	0.417	0.443	-6.2	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.360	0.358	0.6	100	0.00
65 PM	Chlorobenzene	1.042	1.060	-1.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.381	-3.8	100	0.00
67 C	Ethyl Benzene	1.792	1.836	-2.5#	97	0.00
68 T	m/p-Xylenes	0.697	0.706	-1.3	99	0.00
69 T	o-Xylene	0.651	0.686	-5.4	96	0.00
70 T	Styrene	1.051	1.138	-8.3	102	0.00
71 P	Bromoform	0.188	0.191	-1.6	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.831	3.814	0.4	99	0.00
74 T	N-amyl acetate	0.696	0.722	-3.7	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.593	-4.6	96	0.00
76 T	1,2,3-Trichloropropane	0.412	0.457	-10.9	97	0.00
77 T	Bromobenzene	0.849	0.868	-2.2	97	0.00
78 T	n-propylbenzene	4.312	4.338	-0.6	96	0.00
79 T	2-Chlorotoluene	2.609	2.586	0.9	94	0.00
80 T	1,3,5-Trimethylbenzene	3.219	3.272	-1.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.187	0.180	3.7	95	0.00
82 T	4-Chlorotoluene	2.750	2.782	-1.2	99	0.00
83 T	tert-Butylbenzene	2.837	2.865	-1.0	98	0.00
84 T	1,2,4-Trimethylbenzene	3.313	3.333	-0.6	99	0.00
85 T	sec-Butylbenzene	3.872	3.875	-0.1	102	0.00
86 T	p-Isopropyltoluene	3.479	3.502	-0.7	97	0.00
87 T	1,3-Dichlorobenzene	1.693	1.709	-0.9	98	0.00
88 T	1,4-Dichlorobenzene	1.702	1.695	0.4	100	0.00
89 T	n-Butylbenzene	3.225	3.129	3.0	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.617	0.3	99	0.00
91 T	1,2-Dichlorobenzene	1.517	1.550	-2.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.113	0.9	95	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.036	0.8	99	0.00
94 T	Hexachlorobutadiene	0.554	0.516	6.9	92	0.00
95 T	Naphthalene	1.997	2.091	-4.7	98	0.00
96 T	1,2,3-Trichlorobenzene	0.907	0.920	-1.4	96	0.00

(#) = Out of Range

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