

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW010319\
 Data File : VW008012.D
 Acq On : 03 Jan 2019 11:03
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 04 03:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	111	0.00
2 T	Dichlorodifluoromethane	0.459	0.455	0.9	102	0.00
3 P	Chloromethane	0.340	0.333	2.1	107	0.00
4 C	Vinyl Chloride	0.440	0.469	-6.6#	113	0.00
5 T	Bromomethane	0.279	0.278	0.4	108	0.00
6 T	Chloroethane	0.225	0.235	-4.4	110	0.00
7 T	Trichlorofluoromethane	0.441	0.438	0.7	105	0.00
8 T	Diethyl Ether	0.227	0.226	0.4	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.528	-0.8	107	0.00
10 T	Methyl Iodide	0.844	0.824	2.4	106	0.00
11 T	Tert butyl alcohol	0.036	0.031	13.9	107	0.00
12 CM	1,1-Dichloroethene	0.502	0.505	-0.6#	111	0.00
13 T	Acrolein	0.024	0.024	0.0	104	0.00
14 T	Allyl chloride	0.680	0.678	0.3	109	0.00
15 T	Acrylonitrile	0.083	0.082	1.2	107	0.00
16 T	Acetone	0.086	0.094	-9.3	122	0.00
17 T	Carbon Disulfide	1.533	1.552	-1.2	107	0.00
18 T	Methyl Acetate	0.222	0.227	-2.3	110	0.00
19 T	Methyl tert-butyl Ether	0.790	0.729	7.7	102	0.00
20 T	Methylene Chloride	0.590	0.510	13.6	107	0.00
21 T	trans-1,2-Dichloroethene	0.546	0.538	1.5	109	0.00
22 T	Diisopropyl ether	1.221	1.218	0.2	108	0.00
23 T	Vinyl Acetate	0.683	0.671	1.8	107	0.00
24 P	1,1-Dichloroethane	0.907	0.875	3.5	105	0.00
25 T	2-Butanone	0.101	0.102	-1.0	112	0.00
26 T	2,2-Dichloropropane	0.747	0.701	6.2	104	0.00
27 T	cis-1,2-Dichloroethene	0.582	0.555	4.6	107	0.00
28 T	Bromochloromethane	0.292	0.296	-1.4	116	0.00
29 T	Tetrahydrofuran	0.063	0.061	3.2	109	0.00
30 C	Chloroform	1.016	0.967	4.8#	105	0.00
31 T	Cyclohexane	0.845	0.807	4.5	109	0.00
32 T	1,1,1-Trichloroethane	0.973	0.942	3.2	104	0.00
33 S	1,2-Dichloroethane-d4	0.553	0.537	2.9	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.315	0.303	3.8	107	0.00
36 T	1,1-Dichloropropene	0.493	0.496	-0.6	108	0.00
37 T	Ethyl Acetate	0.148	0.147	0.7	113	0.00
38 T	Carbon Tetrachloride	0.591	0.584	1.2	108	0.00
39 T	Methylcyclohexane	0.615	0.604	1.8	107	0.00
40 TM	Benzene	1.301	1.270	2.4	107	0.00
41 T	Methacrylonitrile	0.087	0.088	-1.1	100	0.00
42 TM	1,2-Dichloroethane	0.434	0.420	3.2	106	0.00
43 T	Isopropyl Acetate	0.296	0.293	1.0	107	0.00
44 TM	Trichloroethene	0.384	0.379	1.3	108	0.00
45 C	1,2-Dichloropropane	0.282	0.273	3.2#	106	0.00

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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)
46 T	Dibromomethane	0.165	0.163	1.2	107	0.00
47 T	Bromodichloromethane	0.461	0.447	3.0	107	0.00
48 T	Methyl methacrylate	0.149	0.144	3.4	108	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	113	0.00
50 S	Toluene-d8	1.182	1.165	1.4	110	0.00
51 T	4-Methyl-2-Pentanone	0.137	0.132	3.6	107	0.00
52 CM	Toluene	0.859	0.841	2.1#	107	0.00
53 T	t-1,3-Dichloropropene	0.443	0.433	2.3	106	0.00
54 T	cis-1,3-Dichloropropene	0.495	0.478	3.4	106	0.00
55 T	1,1,2-Trichloroethane	0.223	0.214	4.0	102	0.00
56 T	Ethyl methacrylate	0.252	0.251	0.4	108	0.00
57 T	1,3-Dichloropropane	0.379	0.366	3.4	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.097	19.2	92	0.00
59 T	2-Hexanone	0.095	0.099	-4.2	112	0.00
60 T	Dibromochloromethane	0.305	0.288	5.6	104	0.00
61 T	1,2-Dibromoethane	0.223	0.216	3.1	106	0.00
62 S	4-Bromofluorobenzene	0.453	0.432	4.6	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.345	0.347	-0.6	107	0.00
65 PM	Chlorobenzene	1.069	1.057	1.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.379	2.1	107	0.00
67 C	Ethyl Benzene	1.897	1.894	0.2#	107	0.00
68 T	m/p-Xylenes	0.733	0.719	1.9	105	0.00
69 T	o-Xylene	0.682	0.684	-0.3	107	0.00
70 T	Styrene	1.112	1.112	0.0	106	0.00
71 P	Bromoform	0.179	0.178	0.6	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.976	3.987	-0.3	107	0.00
74 T	N-amyl acetate	0.619	0.611	1.3	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.506	0.506	0.0	107	0.00
76 T	1,2,3-Trichloropropane	0.398	0.407	-2.3	107	0.00
77 T	Bromobenzene	0.855	0.842	1.5	105	0.00
78 T	n-propylbenzene	4.610	4.617	-0.2	107	0.00
79 T	2-Chlorotoluene	2.664	2.659	0.2	107	0.00
80 T	1,3,5-Trimethylbenzene	3.422	3.449	-0.8	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.168	0.170	-1.2	108	0.00
82 T	4-Chlorotoluene	2.833	2.832	0.0	108	0.00
83 T	tert-Butylbenzene	2.994	3.015	-0.7	108	0.00
84 T	1,2,4-Trimethylbenzene	3.466	3.445	0.6	106	0.00
85 T	sec-Butylbenzene	4.119	4.149	-0.7	107	0.00
86 T	p-Isopropyltoluene	3.715	3.767	-1.4	108	0.00
87 T	1,3-Dichlorobenzene	1.724	1.736	-0.7	108	0.00
88 T	1,4-Dichlorobenzene	1.707	1.701	0.4	108	0.00
89 T	n-Butylbenzene	3.398	3.419	-0.6	107	0.00

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90 T	Hexachloroethane	0.645	0.651	-0.9	109	0.00
91 T	1,2-Dichlorobenzene	1.515	1.503	0.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	107	0.00
93 T	1,2,4-Trichlorobenzene	1.064	1.035	2.7	104	0.00
94 T	Hexachlorobutadiene	0.614	0.612	0.3	106	0.00
95 T	Naphthalene	1.812	1.839	-1.5	105	0.00
96 T	1,2,3-Trichlorobenzene	0.876	0.873	0.3	107	0.00

(#) = Out of Range

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