

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082819\
 Data File : VW012290.D
 Acq On : 29 Aug 2019 08:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 08:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 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	80	0.00
2 T	Dichlorodifluoromethane	0.308	0.285	7.5	67	0.00
3 P	Chloromethane	0.477	0.476	0.2	77	0.00
4 C	Vinyl Chloride	0.584	0.590	-1.0#	75	0.00
5 T	Bromomethane	0.296	0.293	1.0	72	-0.04
6 T	Chloroethane	0.329	0.354	-7.6	79	-0.01
7 T	Trichlorofluoromethane	0.293	0.322	-9.9	81	-0.01
8 T	Diethyl Ether	0.278	0.320	-15.1	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.539	-8.2	80	-0.01
10 T	Methyl Iodide	0.674	0.758	-12.5	83	0.00
11 T	Tert butyl alcohol	0.036	0.050	-38.9#	105	-0.02
12 CM	1,1-Dichloroethene	0.502	0.536	-6.8#	79	-0.01
13 T	Acrolein	0.034	0.030	11.8	75	0.00
14 T	Allyl chloride	1.072	1.176	-9.7	81	0.00
15 T	Acrylonitrile	0.138	0.185	-34.1#	102	0.00
16 T	Acetone	0.152	0.155	-2.0	69	-0.01
17 T	Carbon Disulfide	1.516	1.525	-0.6	72	0.00
18 T	Methyl Acetate	0.376	0.514	-36.7#	106	0.00
19 T	Methyl tert-butyl Ether	0.811	0.988	-21.8#	91	0.00
20 T	Methylene Chloride	0.574	0.605	-5.4	83	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.577	-7.2	80	0.00
22 T	Diisopropyl ether	1.987	2.263	-13.9	85	0.00
23 T	Vinyl Acetate	1.223	1.448	-18.4	85	0.00
24 P	1,1-Dichloroethane	1.082	1.177	-8.8	82	0.00
25 T	2-Butanone	0.206	0.263	-27.7#	91	0.00
26 T	2,2-Dichloropropane	0.612	0.574	6.2	72	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.648	-12.7	84	0.00
28 T	Bromochloromethane	0.472	0.507	-7.4	90	0.00
29 T	Tetrahydrofuran	0.124	0.174	-40.3#	102	0.00
30 C	Chloroform	0.990	1.079	-9.0#	83	0.00
31 T	Cyclohexane	1.071	1.131	-5.6	82	0.00
32 T	1,1,1-Trichloroethane	0.783	0.870	-11.1	84	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.662	-11.4	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.298	0.312	-4.7	86	0.00
36 T	1,1-Dichloropropene	0.517	0.541	-4.6	82	0.00
37 T	Ethyl Acetate	0.283	0.349	-23.3#	97	0.00
38 T	Carbon Tetrachloride	0.447	0.467	-4.5	82	0.00
39 T	Methylcyclohexane	0.580	0.638	-10.0	84	0.00
40 TM	Benzene	1.411	1.495	-6.0	83	0.00
41 T	Methacrylonitrile	0.166	0.222	-33.7#	105	0.00
42 TM	1,2-Dichloroethane	0.442	0.483	-9.3	86	0.00
43 T	Isopropyl Acetate	0.524	0.656	-25.2#	98	0.00
44 TM	Trichloroethene	0.343	0.361	-5.2	83	0.00
45 C	1,2-Dichloropropane	0.380	0.406	-6.8#	84	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	0.169	0.191	-13.0	90	0.00
47 T	Bromodichloromethane	0.450	0.477	-6.0	82	0.00
48 T	Methyl methacrylate	0.250	0.318	-27.2#	96	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.210	1.254	-3.6	84	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.345	-29.2#	100	0.00
52 CM	Toluene	0.848	0.903	-6.5#	83	0.00
53 T	t-1,3-Dichloropropene	0.458	0.495	-8.1	82	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.579	-4.7	80	0.00
55 T	1,1,2-Trichloroethane	0.239	0.272	-13.8	91	0.00
56 T	Ethyl methacrylate	0.348	0.441	-26.7#	96	0.00
57 T	1,3-Dichloropropane	0.452	0.515	-13.9	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.225	-25.7#	106	0.00
59 T	2-Hexanone	0.189	0.236	-24.9#	93	0.00
60 T	Dibromochloromethane	0.266	0.397	-49.2#	115	0.00
61 T	1,2-Dibromoethane	0.223	0.264	-18.4	92	0.00
62 S	4-Bromofluorobenzene	0.427	0.477	-11.7	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.324	0.372	-14.8	89	0.00
65 PM	Chlorobenzene	0.985	1.019	-3.5	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.364	-6.1	83	0.00
67 C	Ethyl Benzene	1.897	1.987	-4.7#	82	0.00
68 T	m/p-Xylenes	0.683	0.714	-4.5	82	0.00
69 T	o-Xylene	0.632	0.676	-7.0	83	0.00
70 T	Styrene	1.094	1.180	-7.9	83	0.00
71 P	Bromoform	0.171	0.211	-23.4#	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.747	4.202	-12.1	83	0.00
74 T	N-amyl acetate	1.132	1.502	-32.7#	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.877	-27.7#	96	0.00
76 T	1,2,3-Trichloropropane	0.487	0.583	-19.7	91	0.00
77 T	Bromobenzene	0.811	0.943	-16.3	88	0.00
78 T	n-propylbenzene	4.574	4.954	-8.3	80	0.00
79 T	2-Chlorotoluene	2.597	2.823	-8.7	81	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.429	-9.5	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.285	-28.4#	93	0.00
82 T	4-Chlorotoluene	2.719	2.865	-5.4	79	0.00
83 T	tert-Butylbenzene	2.652	3.102	-17.0	87	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.389	-7.8	80	0.00
85 T	sec-Butylbenzene	3.799	4.177	-9.9	82	0.00
86 T	p-Isopropyltoluene	3.393	3.763	-10.9	81	0.00
87 T	1,3-Dichlorobenzene	1.585	1.651	-4.2	80	0.00
88 T	1,4-Dichlorobenzene	1.574	1.642	-4.3	79	0.00
89 T	n-Butylbenzene	3.374	3.485	-3.3	75	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.595	0.648	-8.9	80	0.00
91 T	1,2-Dichlorobenzene	1.391	1.529	-9.9	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.153	-31.9#	102	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.040	-8.2	79	0.00
94 T	Hexachlorobutadiene	0.635	0.697	-9.8	83	0.00
95 T	Naphthalene	1.683	2.411	-43.3#	100	0.00
96 T	1,2,3-Trichlorobenzene	0.839	0.956	-13.9	83	0.00

(#) = Out of Range

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