

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090519\
 Data File : VW012655.D
 Acq On : 05 Sep 2019 21:28
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 06 08:27:21 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	86	0.00
2 T	Dichlorodifluoromethane	0.308	0.326	-5.8	82	0.00
3 P	Chloromethane	0.477	0.443	7.1	77	0.00
4 C	Vinyl Chloride	0.584	0.508	13.0#	70	0.00
5 T	Bromomethane	0.296	0.288	2.7	76	0.00
6 T	Chloroethane	0.329	0.305	7.3	73	-0.01
7 T	Trichlorofluoromethane	0.293	0.305	-4.1	82	-0.01
8 T	Diethyl Ether	0.278	0.325	-16.9	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.544	-9.2	87	-0.01
10 T	Methyl Iodide	0.674	0.774	-14.8	91	0.00
11 T	Tert butyl alcohol	0.036	0.044	-22.2#	100	0.03
12 CM	1,1-Dichloroethene	0.502	0.542	-8.0#	86	-0.01
13 T	Acrolein	0.034	0.037	-8.8	97	0.00
14 T	Allyl chloride	1.072	1.167	-8.9	86	0.00
15 T	Acrylonitrile	0.138	0.168	-21.7#	99	0.00
16 T	Acetone	0.152	0.151	0.7	73	0.00
17 T	Carbon Disulfide	1.516	1.433	5.5	72	-0.01
18 T	Methyl Acetate	0.376	0.497	-32.2#	110	0.00
19 T	Methyl tert-butyl Ether	0.811	1.059	-30.6#	104	0.00
20 T	Methylene Chloride	0.574	0.636	-10.8	94	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.608	-13.0	90	0.00
22 T	Diisopropyl ether	1.987	2.337	-17.6	94	0.00
23 T	Vinyl Acetate	1.223	1.457	-19.1	92	0.00
24 P	1,1-Dichloroethane	1.082	1.265	-16.9	94	0.00
25 T	2-Butanone	0.206	0.237	-15.0	88	0.00
26 T	2,2-Dichloropropane	0.612	0.680	-11.1	91	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.690	-20.0	96	0.00
28 T	Bromochloromethane	0.472	0.517	-9.5	98	0.00
29 T	Tetrahydrofuran	0.124	0.153	-23.4#	96	0.00
30 C	Chloroform	0.990	1.208	-22.0#	100	0.00
31 T	Cyclohexane	1.071	1.040	2.9	81	0.00
32 T	1,1,1-Trichloroethane	0.783	0.949	-21.2#	98	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.653	-9.9	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.298	0.339	-13.8	94	0.00
36 T	1,1-Dichloropropene	0.517	0.601	-16.2	91	0.00
37 T	Ethyl Acetate	0.283	0.342	-20.8#	95	0.00
38 T	Carbon Tetrachloride	0.447	0.547	-22.4#	96	0.00
39 T	Methylcyclohexane	0.580	0.628	-8.3	83	0.00
40 TM	Benzene	1.411	1.684	-19.3	94	0.00
41 T	Methacrylonitrile	0.166	0.215	-29.5#	102	0.00
42 TM	1,2-Dichloroethane	0.442	0.569	-28.7#	102	0.00
43 T	Isopropyl Acetate	0.524	0.666	-27.1#	99	0.00
44 TM	Trichloroethene	0.343	0.425	-23.9#	98	0.00
45 C	1,2-Dichloropropane	0.380	0.447	-17.6#	93	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	0.214	-26.6#	101	0.00
47 T	Bromodichloromethane	0.450	0.576	-28.0#	100	0.00
48 T	Methyl methacrylate	0.250	0.322	-28.8#	98	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	97	0.02
50 S	Toluene-d8	1.210	1.296	-7.1	87	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.346	-29.6#	101	0.00
52 CM	Toluene	0.848	1.040	-22.6#	96	0.00
53 T	t-1,3-Dichloropropene	0.458	0.590	-28.8#	98	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.687	-24.2#	96	0.00
55 T	1,1,2-Trichloroethane	0.239	0.306	-28.0#	102	0.00
56 T	Ethyl methacrylate	0.348	0.459	-31.9#	100	0.00
57 T	1,3-Dichloropropane	0.452	0.573	-26.8#	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.219	-22.3#	103	0.00
59 T	2-Hexanone	0.189	0.231	-22.2#	91	0.00
60 T	Dibromochloromethane	0.266	0.356	-33.8#	103	0.00
61 T	1,2-Dibromoethane	0.223	0.290	-30.0#	101	0.00
62 S	4-Bromofluorobenzene	0.427	0.430	-0.7	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.324	0.447	-38.0#	100	0.00
65 PM	Chlorobenzene	0.985	1.179	-19.7	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.439	-28.0#	93	0.00
67 C	Ethyl Benzene	1.897	2.274	-19.9#	88	0.00
68 T	m/p-Xylenes	0.683	0.823	-20.5#	87	0.00
69 T	o-Xylene	0.632	0.793	-25.5#	90	0.00
70 T	Styrene	1.094	1.394	-27.4#	91	0.00
71 P	Bromoform	0.171	0.245	-43.3#	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.747	4.137	-10.4	91	0.00
74 T	N-amyl acetate	1.132	1.252	-10.6	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.783	-14.0	96	0.00
76 T	1,2,3-Trichloropropane	0.487	0.525	-7.8	91	0.00
77 T	Bromobenzene	0.811	0.965	-19.0	100	0.00
78 T	n-propylbenzene	4.574	4.904	-7.2	88	0.00
79 T	2-Chlorotoluene	2.597	2.884	-11.1	92	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.573	-14.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.250	-12.6	91	0.00
82 T	4-Chlorotoluene	2.719	2.985	-9.8	91	0.00
83 T	tert-Butylbenzene	2.652	3.089	-16.5	96	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.584	-14.0	94	0.00
85 T	sec-Butylbenzene	3.799	4.397	-15.7	96	0.00
86 T	p-Isopropyltoluene	3.393	3.990	-17.6	96	0.00
87 T	1,3-Dichlorobenzene	1.585	1.861	-17.4	100	0.00
88 T	1,4-Dichlorobenzene	1.574	1.893	-20.3#	102	0.00
89 T	n-Butylbenzene	3.374	4.005	-18.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.595	0.711	-19.5	97	0.00
91 T	1,2-Dichlorobenzene	1.391	1.738	-24.9#	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.150	-29.3#	111	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.266	-31.7#	107	0.00
94 T	Hexachlorobutadiene	0.635	0.821	-29.3#	110	0.00
95 T	Naphthalene	1.683	2.325	-38.1#	108	0.00
96 T	1,2,3-Trichlorobenzene	0.839	1.117	-33.1#	108	0.00

(#) = Out of Range

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