

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082619\
 Data File : VW012172.D
 Acq On : 26 Aug 2019 15:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 27 05:31:48 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	92	0.00
2 T	Dichlorodifluoromethane	0.308	0.357	-15.9	97	0.00
3 P	Chloromethane	0.477	0.494	-3.6	92	0.00
4 C	Vinyl Chloride	0.584	0.607	-3.9#	89	-0.01
5 T	Bromomethane	0.296	0.336	-13.5	95	0.00
6 T	Chloroethane	0.329	0.336	-2.1	86	0.00
7 T	Trichlorofluoromethane	0.293	0.339	-15.7	98	-0.02
8 T	Diethyl Ether	0.278	0.295	-6.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.542	-8.8	93	-0.02
10 T	Methyl Iodide	0.674	0.723	-7.3	91	0.00
11 T	Tert butyl alcohol	0.036	0.005	86.1#	11#	-0.07
12 CM	1,1-Dichloroethene	0.502	0.549	-9.4#	94	-0.02
13 T	Acrolein	0.034	0.034	0.0	98	0.01
14 T	Allyl chloride	1.072	1.177	-9.8	93	0.00
15 T	Acrylonitrile	0.138	0.145	-5.1	92	0.02
16 T	Acetone	0.152	0.163	-7.2	84	0.05
17 T	Carbon Disulfide	1.516	1.635	-7.8	89	-0.02
18 T	Methyl Acetate	0.376	0.382	-1.6	91	0.02
19 T	Methyl tert-butyl Ether	0.811	0.867	-6.9	92	0.00
20 T	Methylene Chloride	0.574	0.586	-2.1	93	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.594	-10.4	94	0.00
22 T	Diisopropyl ether	1.987	2.167	-9.1	94	0.00
23 T	Vinyl Acetate	1.223	1.360	-11.2	92	0.00
24 P	1,1-Dichloroethane	1.082	1.172	-8.3	94	0.00
25 T	2-Butanone	0.206	0.211	-2.4	84	0.02
26 T	2,2-Dichloropropane	0.612	0.668	-9.2	96	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.628	-9.2	93	0.00
28 T	Bromochloromethane	0.472	0.494	-4.7	101	0.00
29 T	Tetrahydrofuran	0.124	0.132	-6.5	89	0.01
30 C	Chloroform	0.990	1.071	-8.2#	95	0.00
31 T	Cyclohexane	1.071	1.118	-4.4	93	0.00
32 T	1,1,1-Trichloroethane	0.783	0.857	-9.5	95	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.632	-6.4	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.298	0.328	-10.1	98	0.00
36 T	1,1-Dichloropropene	0.517	0.584	-13.0	95	0.00
37 T	Ethyl Acetate	0.283	0.302	-6.7	90	0.00
38 T	Carbon Tetrachloride	0.447	0.515	-15.2	97	0.00
39 T	Methylcyclohexane	0.580	0.663	-14.3	94	0.00
40 TM	Benzene	1.411	1.582	-12.1	95	0.00
41 T	Methacrylonitrile	0.166	0.181	-9.0	92	0.00
42 TM	1,2-Dichloroethane	0.442	0.490	-10.9	94	0.00
43 T	Isopropyl Acetate	0.524	0.573	-9.4	92	0.00
44 TM	Trichloroethene	0.343	0.388	-13.1	96	0.00
45 C	1,2-Dichloropropane	0.380	0.422	-11.1#	94	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.188	-11.2	95	0.00
47 T	Bromodichloromethane	0.450	0.498	-10.7	92	0.00
48 T	Methyl methacrylate	0.250	0.279	-11.6	91	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	80	0.08
50 S	Toluene-d8	1.210	1.361	-12.5	98	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.297	-11.2	93	0.00
52 CM	Toluene	0.848	0.966	-13.9#	95	0.00
53 T	t-1,3-Dichloropropene	0.458	0.523	-14.2	93	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.626	-13.2	93	0.00
55 T	1,1,2-Trichloroethane	0.239	0.266	-11.3	95	0.00
56 T	Ethyl methacrylate	0.348	0.399	-14.7	94	0.00
57 T	1,3-Dichloropropane	0.452	0.506	-11.9	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.193	-7.8	98	0.00
59 T	2-Hexanone	0.189	0.216	-14.3	91	0.00
60 T	Dibromochloromethane	0.266	0.303	-13.9	94	0.00
61 T	1,2-Dibromoethane	0.223	0.250	-12.1	94	0.00
62 S	4-Bromofluorobenzene	0.427	0.472	-10.5	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.324	0.364	-12.3	94	0.00
65 PM	Chlorobenzene	0.985	1.085	-10.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.382	-11.4	94	0.00
67 C	Ethyl Benzene	1.897	2.156	-13.7#	97	0.00
68 T	m/p-Xylenes	0.683	0.779	-14.1	96	0.00
69 T	o-Xylene	0.632	0.713	-12.8	94	0.00
70 T	Styrene	1.094	1.234	-12.8	93	0.00
71 P	Bromoform	0.171	0.191	-11.7	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.747	4.149	-10.7	94	0.00
74 T	N-amyl acetate	1.132	1.280	-13.1	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.758	-10.3	96	0.00
76 T	1,2,3-Trichloropropane	0.487	0.510	-4.7	91	0.00
77 T	Bromobenzene	0.811	0.888	-9.5	95	0.00
78 T	n-propylbenzene	4.574	5.136	-12.3	95	0.00
79 T	2-Chlorotoluene	2.597	2.875	-10.7	95	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.493	-11.6	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.251	-13.1	94	0.00
82 T	4-Chlorotoluene	2.719	3.038	-11.7	96	0.00
83 T	tert-Butylbenzene	2.652	2.949	-11.2	95	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.480	-10.7	94	0.00
85 T	sec-Butylbenzene	3.799	4.257	-12.1	96	0.00
86 T	p-Isopropyltoluene	3.393	3.817	-12.5	95	0.00
87 T	1,3-Dichlorobenzene	1.585	1.744	-10.0	97	0.00
88 T	1,4-Dichlorobenzene	1.574	1.741	-10.6	97	0.00
89 T	n-Butylbenzene	3.374	3.868	-14.6	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.595	0.661	-11.1	94	0.00
91 T	1,2-Dichlorobenzene	1.391	1.548	-11.3	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.128	-10.3	98	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.122	-16.8	98	0.00
94 T	Hexachlorobutadiene	0.635	0.726	-14.3	100	0.00
95 T	Naphthalene	1.683	2.056	-22.2#	98	0.00
96 T	1,2,3-Trichlorobenzene	0.839	0.978	-16.6	98	0.00

(#) = Out of Range

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