

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092319\
 Data File : VW013265.D
 Acq On : 24 Sep 2019 08:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 09:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 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	94	0.00
2 T	Dichlorodifluoromethane	0.288	0.111	61.5#	38#	0.00
3 P	Chloromethane	0.371	0.155	58.2#	43#	0.00
4 C	Vinyl Chloride	0.478	0.194	59.4#	40#	0.00
5 T	Bromomethane	0.303	0.121	60.1#	38#	-0.01
6 T	Chloroethane	0.282	0.115	59.2#	39#	-0.02
7 T	Trichlorofluoromethane	0.276	0.089	67.8#	31#	0.00
8 T	Diethyl Ether	0.235	0.108	54.0#	43#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.449	0.178	60.4#	38#	0.00
10 T	Methyl Iodide	0.696	0.285	59.1#	38#	0.00
11 T	Tert butyl alcohol	0.034	0.015	55.9#	53	0.01
12 CM	1,1-Dichloroethene	0.465	0.180	61.3#	37#	0.00
13 T	Acrolein	0.023	0.006	73.9#	23#	0.00
14 T	Allyl chloride	0.740	0.288	61.1#	36#	0.00
15 T	Acrylonitrile	0.102	0.048	52.9#	46#	0.00
16 T	Acetone	0.092	0.035	62.0#	37#	0.00
17 T	Carbon Disulfide	1.343	0.461	65.7#	32#	0.00
18 T	Methyl Acetate	0.259	0.169	34.7#	66	0.00
19 T	Methyl tert-butyl Ether	0.712	0.320	55.1#	42#	0.00
20 T	Methylene Chloride	0.521	0.236	54.7#	46#	0.00
21 T	trans-1,2-Dichloroethene	0.502	0.210	58.2#	39#	0.00
22 T	Diisopropyl ether	1.406	0.605	57.0#	40#	0.00
23 T	Vinyl Acetate	0.834	0.326	60.9#	36#	0.00
24 P	1,1-Dichloroethane	0.849	0.352	58.5#	39#	0.00
25 T	2-Butanone	0.138	0.063	54.3#	45#	0.00
26 T	2,2-Dichloropropane	0.563	0.174	69.1#	31#	0.00
27 T	cis-1,2-Dichloroethene	0.530	0.223	57.9#	39#	0.00
28 T	Bromochloromethane	0.326	0.121	62.9#	32#	0.00
29 T	Tetrahydrofuran	0.085	0.043	49.4#	49#	0.00
30 C	Chloroform	0.831	0.342	58.8#	40#	0.00
31 T	Cyclohexane	0.885	0.352	60.2#	39#	0.00
32 T	1,1,1-Trichloroethane	0.673	0.267	60.3#	37#	0.00
33 S	1,2-Dichloroethane-d4	0.408	0.430	-5.4	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.275	0.269	2.2	96	0.00
36 T	1,1-Dichloropropene	0.484	0.184	62.0#	38#	0.00
37 T	Ethyl Acetate	0.206	0.091	55.8#	45#	0.00
38 T	Carbon Tetrachloride	0.434	0.161	62.9#	36#	0.00
39 T	Methylcyclohexane	0.622	0.242	61.1#	38#	0.00
40 TM	Benzene	1.351	0.548	59.4#	40#	0.00
41 T	Methacrylonitrile	0.123	0.064	48.0#	51	0.00
42 TM	1,2-Dichloroethane	0.363	0.147	59.5#	40#	0.00
43 T	Isopropyl Acetate	0.394	0.172	56.3#	44#	0.00
44 TM	Trichloroethene	0.379	0.153	59.6#	40#	0.00
45 C	1,2-Dichloropropane	0.330	0.136	58.8#	41#	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	0.160	0.066	58.8#	41#	0.00
47 T	Bromodichloromethane	0.407	0.157	61.4#	37#	0.00
48 T	Methyl methacrylate	0.185	0.083	55.1#	45#	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	59	0.00
50 S	Toluene-d8	1.151	1.149	0.2	96	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.093	53.0#	47#	0.00
52 CM	Toluene	0.866	0.348	59.8#	39#	0.00
53 T	t-1,3-Dichloropropene	0.419	0.161	61.6#	37#	0.00
54 T	cis-1,3-Dichloropropene	0.509	0.194	61.9#	37#	0.00
55 T	1,1,2-Trichloroethane	0.239	0.100	58.2#	42#	0.00
56 T	Ethyl methacrylate	0.313	0.139	55.6#	43#	0.00
57 T	1,3-Dichloropropane	0.418	0.178	57.4#	42#	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.067	53.8#	43#	0.00
59 T	2-Hexanone	0.136	0.064	52.9#	47#	0.00
60 T	Dibromochloromethane	0.272	0.110	59.6#	39#	0.00
61 T	1,2-Dibromoethane	0.228	0.096	57.9#	42#	0.00
62 S	4-Bromofluorobenzene	0.393	0.399	-1.5	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.379	0.176	53.6#	47#	0.00
65 PM	Chlorobenzene	1.044	0.413	60.4#	40#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.143	59.9#	40#	0.00
67 C	Ethyl Benzene	1.892	0.763	59.7#	40#	0.00
68 T	m/p-Xylenes	0.721	0.287	60.2#	39#	0.00
69 T	o-Xylene	0.670	0.269	59.9#	40#	0.00
70 T	Styrene	1.151	0.462	59.9#	39#	0.00
71 P	Bromoform	0.188	0.075	60.1#	40#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.694	1.512	59.1#	40#	0.00
74 T	N-amyl acetate	0.820	0.358	56.3#	43#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.618	0.262	57.6#	43#	0.00
76 T	1,2,3-Trichloropropane	0.442	0.203	54.1#	43#	0.00
77 T	Bromobenzene	0.875	0.361	58.7#	40#	0.00
78 T	n-propylbenzene	4.323	1.732	59.9#	39#	0.00
79 T	2-Chlorotoluene	2.422	0.993	59.0#	40#	0.00
80 T	1,3,5-Trimethylbenzene	3.105	1.273	59.0#	40#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.197	0.074	62.4#	37#	0.00
82 T	4-Chlorotoluene	2.554	1.004	60.7#	39#	0.00
83 T	tert-Butylbenzene	2.725	1.131	58.5#	40#	0.00
84 T	1,2,4-Trimethylbenzene	3.090	1.326	57.1#	42#	0.00
85 T	sec-Butylbenzene	3.757	1.533	59.2#	39#	0.00
86 T	p-Isopropyltoluene	3.485	1.408	59.6#	39#	0.00
87 T	1,3-Dichlorobenzene	1.685	0.667	60.4#	39#	0.00
88 T	1,4-Dichlorobenzene	1.652	0.660	60.0#	39#	0.00
89 T	n-Butylbenzene	3.182	1.271	60.1#	38#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.585	0.229	60.9#	38#	0.00
91 T	1,2-Dichlorobenzene	1.457	0.595	59.2#	40#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.044	53.2#	46#	0.00
93 T	1,2,4-Trichlorobenzene	1.044	0.427	59.1#	39#	0.00
94 T	Hexachlorobutadiene	0.714	0.279	60.9#	39#	0.00
95 T	Naphthalene	1.708	1.008	41.0#	55	0.00
96 T	1,2,3-Trichlorobenzene	0.902	0.392	56.5#	42#	0.00

(#) = Out of Range

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