

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 08:46:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 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	75	0.00
2 T	Dichlorodifluoromethane	0.462	0.451	2.4	85	0.00
3 P	Chloromethane	0.680	0.751	-10.4	93	0.00
4 C	Vinyl Chloride	0.628	0.652	-3.8#	86	0.00
5 T	Bromomethane	0.345	0.384	-11.3	94	-0.01
6 T	Chloroethane	0.377	0.418	-10.9	88	0.00
7 T	Trichlorofluoromethane	0.815	0.928	-13.9	91	0.00
8 T	Diethyl Ether	0.291	0.362	-24.4#	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.570	-13.8	89	0.00
10 T	Methyl Iodide	0.443	0.538	-21.4#	86	0.00
11 T	Tert butyl alcohol	0.048	0.074	-54.2#	129	0.00
12 CM	1,1-Dichloroethene	0.484	0.540	-11.6#	88	0.00
13 T	Acrolein	0.020	0.019	5.0	71	0.00
14 T	Allyl chloride	1.066	1.311	-23.0#	96	0.00
15 T	Acrylonitrile	0.142	0.192	-35.2#	111	0.00
16 T	Acetone	0.158	0.219	-38.6#	104	0.00
17 T	Carbon Disulfide	1.535	1.571	-2.3	82	0.00
18 T	Methyl Acetate	0.340	0.493	-45.0#	123	0.00
19 T	Methyl tert-butyl Ether	1.395	1.801	-29.1#	102	0.00
20 T	Methylene Chloride	0.554	0.668	-20.6#	99	0.00
21 T	trans-1,2-Dichloroethene	0.549	0.649	-18.2	92	0.00
22 T	Diisopropyl ether	2.134	2.797	-31.1#	102	0.00
23 T	Vinyl Acetate	1.288	1.697	-31.8#	102	0.00
24 P	1,1-Dichloroethane	1.070	1.345	-25.7#	99	0.00
25 T	2-Butanone	0.219	0.312	-42.5#	110	0.00
26 T	2,2-Dichloropropane	0.870	1.023	-17.6	92	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.748	-23.8#	97	0.00
28 T	Bromochloromethane	0.477	0.603	-26.4#	96	0.00
29 T	Tetrahydrofuran	0.138	0.190	-37.7#	113	0.00
30 C	Chloroform	0.978	1.242	-27.0#	100	0.00
31 T	Cyclohexane	1.189	1.287	-8.2	90	0.00
32 T	1,1,1-Trichloroethane	0.855	1.036	-21.2#	95	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.731	-24.1#	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.271	0.336	-24.0#	90	0.00
36 T	1,1-Dichloropropene	0.512	0.593	-15.8	92	0.00
37 T	Ethyl Acetate	0.284	0.380	-33.8#	110	0.00
38 T	Carbon Tetrachloride	0.442	0.515	-16.5	90	0.00
39 T	Methylcyclohexane	0.651	0.716	-10.0	87	0.00
40 TM	Benzene	1.396	1.683	-20.6#	96	0.00
41 T	Methacrylonitrile	0.169	0.223	-32.0#	107	0.00
42 TM	1,2-Dichloroethane	0.443	0.572	-29.1#	103	0.00
43 T	Isopropyl Acetate	0.548	0.743	-35.6#	109	0.00
44 TM	Trichloroethene	0.344	0.402	-16.9	93	0.00
45 C	1,2-Dichloropropane	0.370	0.469	-26.8#	100	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	0.172	0.219	-27.3#	102	0.00
47 T	Bromodichloromethane	0.445	0.559	-25.6#	99	0.00
48 T	Methyl methacrylate	0.264	0.354	-34.1#	106	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	115	0.00
50 S	Toluene-d8	1.190	1.344	-12.9	86	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.394	-40.7#	115	0.00
52 CM	Toluene	0.859	1.042	-21.3#	95	0.00
53 T	t-1,3-Dichloropropene	0.471	0.591	-25.5#	98	0.00
54 T	cis-1,3-Dichloropropene	0.555	0.687	-23.8#	97	0.00
55 T	1,1,2-Trichloroethane	0.247	0.321	-30.0#	103	0.00
56 T	Ethyl methacrylate	0.381	0.501	-31.5#	104	0.00
57 T	1,3-Dichloropropane	0.466	0.607	-30.3#	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.199	0.240	-20.6#	102	0.00
59 T	2-Hexanone	0.202	0.280	-38.6#	111	0.00
60 T	Dibromochloromethane	0.274	0.345	-25.9#	98	0.00
61 T	1,2-Dibromoethane	0.234	0.297	-26.9#	101	0.00
62 S	4-Bromofluorobenzene	0.433	0.508	-17.3	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.332	0.407	-22.6#	99	0.00
65 PM	Chlorobenzene	0.983	1.166	-18.6	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.416	-22.4#	98	0.00
67 C	Ethyl Benzene	1.890	2.228	-17.9#	97	0.00
68 T	m/p-Xylenes	0.676	0.794	-17.5	96	0.00
69 T	o-Xylene	0.642	0.762	-18.7	97	0.00
70 T	Styrene	1.114	1.361	-22.2#	100	0.00
71 P	Bromoform	0.176	0.214	-21.6#	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.757	4.340	-15.5	97	0.00
74 T	N-amyl acetate	1.214	1.621	-33.5#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.715	0.897	-25.5#	107	0.00
76 T	1,2,3-Trichloropropane	0.525	0.652	-24.2#	108	0.00
77 T	Bromobenzene	0.820	0.979	-19.4	100	0.00
78 T	n-propylbenzene	4.531	5.299	-16.9	98	0.00
79 T	2-Chlorotoluene	2.588	3.064	-18.4	100	0.00
80 T	1,3,5-Trimethylbenzene	3.075	3.667	-19.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.228	0.273	-19.7	99	0.00
82 T	4-Chlorotoluene	2.671	3.180	-19.1	101	0.00
83 T	tert-Butylbenzene	2.610	3.056	-17.1	98	0.00
84 T	1,2,4-Trimethylbenzene	3.095	3.708	-19.8	101	0.00
85 T	sec-Butylbenzene	3.800	4.420	-16.3	97	0.00
86 T	p-Isopropyltoluene	3.398	3.966	-16.7	98	0.00
87 T	1,3-Dichlorobenzene	1.582	1.894	-19.7	100	0.00
88 T	1,4-Dichlorobenzene	1.568	1.876	-19.6	102	0.00
89 T	n-Butylbenzene	3.391	4.015	-18.4	99	0.00

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90 T	Hexachloroethane	0.609	0.716	-17.6	96	0.00
91 T	1,2-Dichlorobenzene	1.422	1.718	-20.8#	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.123	0.160	-30.1#	114	0.00
93 T	1,2,4-Trichlorobenzene	0.998	1.232	-23.4#	102	0.00
94 T	Hexachlorobutadiene	0.626	0.745	-19.0	100	0.00
95 T	Naphthalene	1.814	2.348	-29.4#	107	0.00
96 T	1,2,3-Trichlorobenzene	0.849	1.092	-28.6#	106	0.00

(#) = Out of Range

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