

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090519\
 Data File : VW012680.D
 Acq On : 06 Sep 2019 09:05
 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: Sep 06 11:26:26 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	66	0.00
2 T	Dichlorodifluoromethane	0.308	0.237	23.1#	46#	0.00
3 P	Chloromethane	0.477	0.409	14.3	54	0.00
4 C	Vinyl Chloride	0.584	0.438	25.0#	46#	0.00
5 T	Bromomethane	0.296	0.291	1.7	59	0.00
6 T	Chloroethane	0.329	0.297	9.7	55	-0.01
7 T	Trichlorofluoromethane	0.293	0.254	13.3	53	-0.01
8 T	Diethyl Ether	0.278	0.385	-38.5#	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.469	5.8	58	-0.02
10 T	Methyl Iodide	0.674	0.810	-20.2#	73	0.00
11 T	Tert butyl alcohol	0.036	0.058	-61.1#	101	0.03
12 CM	1,1-Dichloroethene	0.502	0.479	4.6#	59	0.00
13 T	Acrolein	0.034	0.023	32.4#	46#	0.00
14 T	Allyl chloride	1.072	1.154	-7.6	66	0.00
15 T	Acrylonitrile	0.138	0.207	-50.0#	94	0.00
16 T	Acetone	0.152	0.172	-13.2	64	0.01
17 T	Carbon Disulfide	1.516	1.247	17.7	48#	0.00
18 T	Methyl Acetate	0.376	0.773	-105.6#	132	0.00
19 T	Methyl tert-butyl Ether	0.811	1.266	-56.1#	96	0.00
20 T	Methylene Chloride	0.574	0.711	-23.9#	81	-0.01
21 T	trans-1,2-Dichloroethene	0.538	0.594	-10.4	68	0.00
22 T	Diisopropyl ether	1.987	2.584	-30.0#	80	0.00
23 T	Vinyl Acetate	1.223	1.482	-21.2#	72	0.00
24 P	1,1-Dichloroethane	1.082	1.295	-19.7	74	0.00
25 T	2-Butanone	0.206	0.276	-34.0#	79	0.00
26 T	2,2-Dichloropropane	0.612	0.575	6.0	59	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.717	-24.7#	76	0.00
28 T	Bromochloromethane	0.472	0.565	-19.7	83	0.00
29 T	Tetrahydrofuran	0.124	0.185	-49.2#	90	0.00
30 C	Chloroform	0.990	1.298	-31.1#	83	0.00
31 T	Cyclohexane	1.071	0.832	22.3#	50#	0.00
32 T	1,1,1-Trichloroethane	0.783	0.906	-15.7	72	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.761	-28.1#	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.298	0.328	-10.1	77	0.00
36 T	1,1-Dichloropropene	0.517	0.483	6.6	62	0.00
37 T	Ethyl Acetate	0.283	0.355	-25.4#	83	0.00
38 T	Carbon Tetrachloride	0.447	0.452	-1.1	67	0.00
39 T	Methylcyclohexane	0.580	0.484	16.6	54	0.00
40 TM	Benzene	1.411	1.559	-10.5	74	0.00
41 T	Methacrylonitrile	0.166	0.228	-37.3#	91	0.00
42 TM	1,2-Dichloroethane	0.442	0.605	-36.9#	92	0.00
43 T	Isopropyl Acetate	0.524	0.693	-32.3#	87	0.00
44 TM	Trichloroethene	0.343	0.379	-10.5	74	0.00
45 C	1,2-Dichloropropane	0.380	0.442	-16.3#	78	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	0.227	-34.3#	90	0.00
47 T	Bromodichloromethane	0.450	0.589	-30.9#	86	0.00
48 T	Methyl methacrylate	0.250	0.373	-49.2#	96	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	93	0.01
50 S	Toluene-d8	1.210	1.199	0.9	68	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.382	-43.1#	94	0.00
52 CM	Toluene	0.848	0.964	-13.7#	75	0.00
53 T	t-1,3-Dichloropropene	0.458	0.587	-28.2#	82	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.656	-18.6	77	0.00
55 T	1,1,2-Trichloroethane	0.239	0.326	-36.4#	92	0.00
56 T	Ethyl methacrylate	0.348	0.494	-42.0#	92	0.00
57 T	1,3-Dichloropropane	0.452	0.572	-26.5#	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.231	-29.1#	92	0.00
59 T	2-Hexanone	0.189	0.253	-33.9#	84	0.00
60 T	Dibromochloromethane	0.266	0.362	-36.1#	89	0.00
61 T	1,2-Dibromoethane	0.223	0.298	-33.6#	88	0.00
62 S	4-Bromofluorobenzene	0.427	0.454	-6.3	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.324	0.388	-19.8	84	0.00
65 PM	Chlorobenzene	0.985	1.103	-12.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.418	-21.9#	85	0.00
67 C	Ethyl Benzene	1.897	1.997	-5.3#	74	0.00
68 T	m/p-Xylenes	0.683	0.736	-7.8	76	0.00
69 T	o-Xylene	0.632	0.720	-13.9	79	0.00
70 T	Styrene	1.094	1.294	-18.3	81	0.00
71 P	Bromoform	0.171	0.237	-38.6#	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.747	3.752	-0.1	74	0.00
74 T	N-amyl acetate	1.132	1.163	-2.7	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.839	-22.1#	93	0.00
76 T	1,2,3-Trichloropropane	0.487	0.693	-42.3#	109	0.00
77 T	Bromobenzene	0.811	0.959	-18.2	90	0.00
78 T	n-propylbenzene	4.574	4.525	1.1	73	0.00
79 T	2-Chlorotoluene	2.597	2.770	-6.7	80	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.317	-5.9	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.239	-7.7	78	0.00
82 T	4-Chlorotoluene	2.719	2.905	-6.8	80	0.00
83 T	tert-Butylbenzene	2.652	2.804	-5.7	79	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.406	-8.3	81	0.00
85 T	sec-Butylbenzene	3.799	3.754	1.2	74	0.00
86 T	p-Isopropyltoluene	3.393	3.472	-2.3	76	0.00
87 T	1,3-Dichlorobenzene	1.585	1.772	-11.8	86	0.00
88 T	1,4-Dichlorobenzene	1.574	1.760	-11.8	85	0.00
89 T	n-Butylbenzene	3.374	3.200	5.2	70	0.00

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90 T	Hexachloroethane	0.595	0.622	-4.5	77	0.00
91 T	1,2-Dichlorobenzene	1.391	1.636	-17.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.148	-27.6#	99	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.122	-16.8	85	0.00
94 T	Hexachlorobutadiene	0.635	0.679	-6.9	82	0.00
95 T	Naphthalene	1.683	2.259	-34.2#	94	0.00
96 T	1,2,3-Trichlorobenzene	0.839	1.049	-25.0#	91	0.00

(#) = Out of Range

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