

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW042220\
 Data File : VW015299.D
 Acq On : 22 Apr 2020 11:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 23 07:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	0.395	0.401	-1.5	108	0.00
3 P	Chloromethane	0.430	0.403	6.3	100	0.00
4 C	Vinyl Chloride	0.508	0.494	2.8#	103	0.00
5 T	Bromomethane	0.361	0.370	-2.5	111	0.00
6 T	Chloroethane	0.315	0.293	7.0	102	0.00
7 T	Trichlorofluoromethane	0.718	0.727	-1.3	113	0.00
8 T	Diethyl Ether	0.202	0.184	8.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.443	0.453	-2.3	116	0.00
10 T	Methyl Iodide	0.465	0.531	-14.2	113	0.00
11 T	Tert butyl alcohol	0.033	0.024	27.3#	92	0.00
12 CM	1,1-Dichloroethene	0.426	0.429	-0.7#	114	0.00
13 T	Acrolein	0.017	0.021	-23.5	140	0.00
14 T	Allyl chloride	0.566	0.530	6.4	103	0.00
15 T	Acrylonitrile	0.077	0.066	14.3	97	0.00
16 T	Acetone	0.071	0.071	0.0	110	0.00
17 T	Carbon Disulfide	1.267	1.237	2.4	105	0.00
18 T	Methyl Acetate	0.189	0.158	16.4	98	0.00
19 T	Methyl tert-butyl Ether	0.979	0.913	6.7	103	0.00
20 T	Methylene Chloride	0.468	0.438	6.4	105	0.00
21 T	trans-1,2-Dichloroethene	0.484	0.489	-1.0	112	0.00
22 T	Diisopropyl ether	1.085	1.008	7.1	102	0.00
23 T	Vinyl Acetate	0.637	0.573	10.0	99	0.00
24 P	1,1-Dichloroethane	0.752	0.732	2.7	107	0.00
25 T	2-Butanone	0.095	0.085	10.5	100	0.00
26 T	2,2-Dichloropropane	0.791	0.762	3.7	110	0.00
27 T	cis-1,2-Dichloroethene	0.522	0.509	2.5	108	0.00
28 T	Bromochloromethane	0.273	0.247	9.5	95	0.00
29 T	Tetrahydrofuran	0.059	0.049	16.9	93	0.00
30 C	Chloroform	0.812	0.796	2.0#	108	0.00
31 T	Cyclohexane	0.756	0.673	11.0	103	0.00
32 T	1,1,1-Trichloroethane	0.784	0.780	0.5	111	0.00
33 S	1,2-Dichloroethane-d4	0.409	0.390	4.6	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.277	0.285	-2.9	104	0.00
36 T	1,1-Dichloropropene	0.451	0.455	-0.9	107	0.00
37 T	Ethyl Acetate	0.146	0.132	9.6	98	0.00
38 T	Carbon Tetrachloride	0.493	0.508	-3.0	111	0.00
39 T	Methylcyclohexane	0.601	0.594	1.2	106	0.00
40 TM	Benzene	1.205	1.208	-0.2	106	0.00
41 T	Methacrylonitrile	0.088	0.075	14.8	102	0.00
42 TM	1,2-Dichloroethane	0.355	0.347	2.3	105	0.00
43 T	Isopropyl Acetate	0.307	0.267	13.0	94	0.00
44 TM	Trichloroethene	0.369	0.384	-4.1	110	0.00
45 C	1,2-Dichloropropane	0.280	0.274	2.1#	104	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.162	0.156	3.7	105	0.00
47 T	Bromodichloromethane	0.434	0.423	2.5	105	0.00
48 T	Methyl methacrylate	0.145	0.124	14.5	88	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50 S	Toluene-d8	1.165	1.182	-1.5	102	0.00
51 T	4-Methyl-2-Pentanone	0.144	0.125	13.2	94	0.00
52 CM	Toluene	0.844	0.870	-3.1#	109	0.00
53 T	t-1,3-Dichloropropene	0.427	0.410	4.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.484	2.6	103	0.00
55 T	1,1,2-Trichloroethane	0.227	0.215	5.3	102	0.00
56 T	Ethyl methacrylate	0.293	0.267	8.9	97	0.00
57 T	1,3-Dichloropropane	0.376	0.364	3.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.125	8.1	94	0.00
59 T	2-Hexanone	0.103	0.095	7.8	98	0.00
60 T	Dibromochloromethane	0.300	0.294	2.0	105	0.00
61 T	1,2-Dibromoethane	0.222	0.212	4.5	102	0.00
62 S	4-Bromofluorobenzene	0.445	0.451	-1.3	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.357	0.384	-7.6	116	0.00
65 PM	Chlorobenzene	0.981	1.001	-2.0	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.353	0.356	-0.8	107	0.00
67 C	Ethyl Benzene	1.830	1.859	-1.6#	108	0.00
68 T	m/p-Xylenes	0.717	0.745	-3.9	108	0.00
69 T	o-Xylene	0.669	0.694	-3.7	108	0.00
70 T	Styrene	1.141	1.158	-1.5	105	0.00
71 P	Bromoform	0.199	0.196	1.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.467	3.569	-2.9	110	0.00
74 T	N-amyl acetate	0.603	0.522	13.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.492	0.444	9.8	100	0.00
76 T	1,2,3-Trichloropropane	0.387	0.287	25.8#	81	0.00
77 T	Bromobenzene	0.796	0.807	-1.4	105	0.00
78 T	n-propylbenzene	4.036	4.093	-1.4	107	0.00
79 T	2-Chlorotoluene	2.275	2.307	-1.4	106	0.00
80 T	1,3,5-Trimethylbenzene	2.986	3.057	-2.4	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.177	0.156	11.9	93	0.00
82 T	4-Chlorotoluene	2.415	2.460	-1.9	107	0.00
83 T	tert-Butylbenzene	2.610	2.736	-4.8	112	0.00
84 T	1,2,4-Trimethylbenzene	2.945	2.975	-1.0	106	0.00
85 T	sec-Butylbenzene	3.605	3.700	-2.6	108	0.00
86 T	p-Isopropyltoluene	3.349	3.476	-3.8	107	0.00
87 T	1,3-Dichlorobenzene	1.583	1.675	-5.8	110	0.00
88 T	1,4-Dichlorobenzene	1.551	1.610	-3.8	108	0.00
89 T	n-Butylbenzene	3.061	3.105	-1.4	105	0.00

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90 T	Hexachloroethane	0.614	0.621	-1.1	107	0.00
91 T	1,2-Dichlorobenzene	1.375	1.401	-1.9	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.079	11.2	95	0.00
93 T	1,2,4-Trichlorobenzene	0.956	0.983	-2.8	106	0.00
94 T	Hexachlorobutadiene	0.637	0.669	-5.0	113	0.00
95 T	Naphthalene	1.538	1.510	1.8	100	0.00
96 T	1,2,3-Trichlorobenzene	0.778	0.826	-6.2	109	0.00

(#) = Out of Range

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