

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015445.D
 Acq On : 15 May 2020 20:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: May 18 02:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	0.289	0.278	3.8	97	0.00
3 P	Chloromethane	0.362	0.305	15.7	93	0.00
4 C	Vinyl Chloride	0.548	0.467	14.8#	88	0.00
5 T	Bromomethane	0.429	0.351	18.2	93	0.00
6 T	Chloroethane	0.378	0.316	16.4	90	0.00
7 T	Trichlorofluoromethane	0.402	0.269	33.1#	68	0.00
8 T	Diethyl Ether	0.251	0.258	-2.8	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.429	7.9	97	0.00
10 T	Methyl Iodide	0.705	0.680	3.5	102	0.00
11 T	Tert butyl alcohol	0.032	0.038	-18.7	130	0.02
12 CM	1,1-Dichloroethene	0.483	0.427	11.6#	93	0.00
13 T	Acrolein	0.040	0.031	22.5	79	0.00
14 T	Allyl chloride	0.847	0.781	7.8	98	0.00
15 T	Acrylonitrile	0.102	0.112	-9.8	114	0.00
16 T	Acetone	0.085	0.091	-7.1	115	0.01
17 T	Carbon Disulfide	1.482	1.282	13.5	90	0.00
18 T	Methyl Acetate	0.227	0.247	-8.8	119	0.00
19 T	Methyl tert-butyl Ether	0.776	0.811	-4.5	110	0.00
20 T	Methylene Chloride	0.557	0.525	5.7	109	0.00
21 T	trans-1,2-Dichloroethene	0.549	0.511	6.9	97	0.00
22 T	Diisopropyl ether	1.655	1.595	3.6	101	0.00
23 T	Vinyl Acetate	1.006	1.031	-2.5	107	0.00
24 P	1,1-Dichloroethane	0.992	0.936	5.6	99	0.00
25 T	2-Butanone	0.133	0.148	-11.3	118	0.00
26 T	2,2-Dichloropropane	0.657	0.546	16.9	88	0.00
27 T	cis-1,2-Dichloroethene	0.596	0.574	3.7	101	0.00
28 T	Bromochloromethane	0.399	0.387	3.0	102	0.00
29 T	Tetrahydrofuran	0.088	0.097	-10.2	115	0.00
30 C	Chloroform	0.986	0.941	4.6#	100	0.00
31 T	Cyclohexane	1.007	0.800	20.6	86	0.00
32 T	1,1,1-Trichloroethane	0.828	0.756	8.7	93	0.00
33 S	1,2-Dichloroethane-d4	0.550	0.575	-4.5	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.287	0.297	-3.5	106	0.00
36 T	1,1-Dichloropropene	0.491	0.441	10.2	92	0.00
37 T	Ethyl Acetate	0.191	0.213	-11.5	113	0.00
38 T	Carbon Tetrachloride	0.459	0.412	10.2	91	0.00
39 T	Methylcyclohexane	0.622	0.538	13.5	90	0.00
40 TM	Benzene	1.340	1.246	7.0	97	0.00
41 T	Methacrylonitrile	0.120	0.133	-10.8	123	0.00
42 TM	1,2-Dichloroethane	0.408	0.413	-1.2	106	0.00
43 T	Isopropyl Acetate	0.401	0.439	-9.5	116	0.00
44 TM	Trichloroethene	0.347	0.326	6.1	97	0.00
45 C	1,2-Dichloropropane	0.331	0.317	4.2#	101	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	0.165	0.170	-3.0	108	0.00
47 T	Bromodichloromethane	0.449	0.446	0.7	103	0.00
48 T	Methyl methacrylate	0.185	0.205	-10.8	114	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	126	0.01
50 S	Toluene-d8	1.188	1.171	1.4	100	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.211	-12.2	117	0.00
52 CM	Toluene	0.871	0.810	7.0#	96	0.00
53 T	t-1,3-Dichloropropene	0.458	0.460	-0.4	104	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.526	2.4	101	0.00
55 T	1,1,2-Trichloroethane	0.233	0.239	-2.6	108	0.00
56 T	Ethyl methacrylate	0.320	0.349	-9.1	113	0.00
57 T	1,3-Dichloropropane	0.419	0.429	-2.4	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.156	0.170	-9.0	111	0.00
59 T	2-Hexanone	0.127	0.146	-15.0	119	0.00
60 T	Dibromochloromethane	0.280	0.295	-5.4	109	0.00
61 T	1,2-Dibromoethane	0.220	0.233	-5.9	109	0.00
62 S	4-Bromofluorobenzene	0.439	0.451	-2.7	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.306	0.284	7.2	99	0.00
65 PM	Chlorobenzene	0.986	0.908	7.9	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.334	4.6	103	0.00
67 C	Ethyl Benzene	1.887	1.719	8.9#	98	0.00
68 T	m/p-Xylenes	0.702	0.647	7.8	99	0.00
69 T	o-Xylene	0.659	0.615	6.7	98	0.00
70 T	Styrene	1.135	1.073	5.5	99	0.00
71 P	Bromoform	0.170	0.181	-6.5	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.733	3.344	10.4	97	0.00
74 T	N-amyl acetate	0.882	0.905	-2.6	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.584	0.602	-3.1	112	0.00
76 T	1,2,3-Trichloropropane	0.411	0.400	2.7	91	0.00
77 T	Bromobenzene	0.791	0.742	6.2	102	0.00
78 T	n-propylbenzene	4.479	3.930	12.3	95	0.00
79 T	2-Chlorotoluene	2.525	2.281	9.7	97	0.00
80 T	1,3,5-Trimethylbenzene	3.144	2.793	11.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.206	1.0	107	0.00
82 T	4-Chlorotoluene	2.675	2.403	10.2	97	0.00
83 T	tert-Butylbenzene	2.683	2.419	9.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.145	2.861	9.0	97	0.00
85 T	sec-Butylbenzene	3.780	3.345	11.5	94	0.00
86 T	p-Isopropyltoluene	3.448	3.147	8.7	96	0.00
87 T	1,3-Dichlorobenzene	1.576	1.470	6.7	99	0.00
88 T	1,4-Dichlorobenzene	1.561	1.439	7.8	98	0.00
89 T	n-Butylbenzene	3.375	2.998	11.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.635	0.589	7.2	100	0.00
91 T	1,2-Dichlorobenzene	1.364	1.311	3.9	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.111	-8.8	119	0.00
93 T	1,2,4-Trichlorobenzene	0.917	0.953	-3.9	112	0.00
94 T	Hexachlorobutadiene	0.543	0.523	3.7	103	0.00
95 T	Naphthalene	1.643	1.903	-15.8	123	0.00
96 T	1,2,3-Trichlorobenzene	0.788	0.824	-4.6	114	0.00

(#) = Out of Range

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