

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007746.D
 Acq On : 20 Dec 2018 14:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 04:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.444	0.446	-0.5	93	0.00
3 P	Chloromethane	0.273	0.272	0.4	95	0.00
4 C	Vinyl Chloride	0.347	0.362	-4.3#	100	0.00
5 T	Bromomethane	0.242	0.239	1.2	99	0.00
6 T	Chloroethane	0.186	0.191	-2.7	100	0.00
7 T	Trichlorofluoromethane	0.362	0.350	3.3	93	0.00
8 T	Diethyl Ether	0.222	0.213	4.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.528	0.9	95	0.00
10 T	Methyl Iodide	0.847	0.824	2.7	93	0.00
11 T	Tert butyl alcohol	0.037	0.030	18.9	82	0.00
12 CM	1,1-Dichloroethene	0.493	0.504	-2.2#	98	0.00
13 T	Acrolein	0.030	0.031	-3.3	107	0.00
14 T	Allyl chloride	0.647	0.641	0.9	96	0.00
15 T	Acrylonitrile	0.095	0.086	9.5	86	0.01
16 T	Acetone	0.103	0.093	9.7	85	0.00
17 T	Carbon Disulfide	1.527	1.511	1.0	96	0.00
18 T	Methyl Acetate	0.244	0.228	6.6	85	0.00
19 T	Methyl tert-butyl Ether	0.708	0.656	7.3	87	0.00
20 T	Methylene Chloride	0.619	0.523	15.5	93	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.530	2.4	96	0.00
22 T	Diisopropyl ether	1.211	1.176	2.9	91	0.00
23 T	Vinyl Acetate	0.720	0.673	6.5	88	0.00
24 P	1,1-Dichloroethane	0.891	0.873	2.0	96	0.00
25 T	2-Butanone	0.120	0.104	13.3	83	0.00
26 T	2,2-Dichloropropane	0.652	0.651	0.2	99	0.00
27 T	cis-1,2-Dichloroethene	0.578	0.562	2.8	94	0.00
28 T	Bromochloromethane	0.304	0.306	-0.7	96	0.00
29 T	Tetrahydrofuran	0.072	0.064	11.1	83	0.00
30 C	Chloroform	1.008	0.972	3.6#	93	0.00
31 T	Cyclohexane	0.816	0.772	5.4	97	0.00
32 T	1,1,1-Trichloroethane	0.918	0.914	0.4	96	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.578	-5.5	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.305	0.339	-11.1	104	0.00
36 T	1,1-Dichloropropene	0.483	0.496	-2.7	97	0.00
37 T	Ethyl Acetate	0.167	0.152	9.0	84	0.00
38 T	Carbon Tetrachloride	0.568	0.561	1.2	93	0.00
39 T	Methylcyclohexane	0.600	0.604	-0.7	95	0.00
40 TM	Benzene	1.288	1.293	-0.4	95	0.00
41 T	Methacrylonitrile	0.095	0.092	3.2	89	0.00
42 TM	1,2-Dichloroethane	0.432	0.419	3.0	91	0.00
43 T	Isopropyl Acetate	0.334	0.299	10.5	82	0.00
44 TM	Trichloroethene	0.389	0.392	-0.8	96	0.00
45 C	1,2-Dichloropropane	0.286	0.286	0.0	92	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.169	4.0	89	0.00
47 T	Bromodichloromethane	0.462	0.448	3.0	90	0.00
48 T	Methyl methacrylate	0.167	0.148	11.4	82	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.150	1.300	-13.0	104	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.140	11.4	82	0.00
52 CM	Toluene	0.864	0.864	0.0	95	0.00
53 T	t-1,3-Dichloropropene	0.460	0.437	5.0	89	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.491	3.3	91	0.00
55 T	1,1,2-Trichloroethane	0.242	0.231	4.5	91	0.00
56 T	Ethyl methacrylate	0.287	0.266	7.3	83	0.00
57 T	1,3-Dichloropropane	0.403	0.378	6.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.129	1.5	89	0.00
59 T	2-Hexanone	0.111	0.101	9.0	82	0.00
60 T	Dibromochloromethane	0.321	0.297	7.5	86	0.00
61 T	1,2-Dibromoethane	0.246	0.227	7.7	88	0.00
62 S	4-Bromofluorobenzene	0.444	0.483	-8.8	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.354	0.356	-0.6	93	0.00
65 PM	Chlorobenzene	1.082	1.081	0.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.387	0.0	91	0.00
67 C	Ethyl Benzene	1.857	1.916	-3.2#	95	0.00
68 T	m/p-Xylenes	0.720	0.743	-3.2	94	0.00
69 T	o-Xylene	0.675	0.677	-0.3	91	0.00
70 T	Styrene	1.110	1.129	-1.7	92	0.00
71 P	Bromoform	0.201	0.184	8.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.779	3.930	-4.0	94	0.00
74 T	N-amyl acetate	0.655	0.619	5.5	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.534	5.8	85	0.00
76 T	1,2,3-Trichloropropane	0.386	0.419	-8.5	86	0.00
77 T	Bromobenzene	0.866	0.851	1.7	89	0.00
78 T	n-propylbenzene	4.400	4.548	-3.4	93	0.00
79 T	2-Chlorotoluene	2.563	2.597	-1.3	93	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.370	-3.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.181	1.6	85	0.00
82 T	4-Chlorotoluene	2.729	2.749	-0.7	92	0.00
83 T	tert-Butylbenzene	2.860	2.989	-4.5	94	0.00
84 T	1,2,4-Trimethylbenzene	3.290	3.393	-3.1	93	0.00
85 T	sec-Butylbenzene	3.942	4.139	-5.0	95	0.00
86 T	p-Isopropyltoluene	3.585	3.710	-3.5	93	0.00
87 T	1,3-Dichlorobenzene	1.720	1.723	-0.2	92	0.00
88 T	1,4-Dichlorobenzene	1.720	1.720	0.0	91	0.00
89 T	n-Butylbenzene	3.287	3.469	-5.5	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.629	0.641	-1.9	92	0.00
91 T	1,2-Dichlorobenzene	1.540	1.532	0.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.110	5.2	82	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.041	2.6	88	0.00
94 T	Hexachlorobutadiene	0.571	0.597	-4.6	96	0.00
95 T	Naphthalene	1.976	1.943	1.7	85	0.00
96 T	1,2,3-Trichlorobenzene	0.915	0.905	1.1	88	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 4