

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vy092619\
 Data File : VY000160.D
 Acq On : 26 Sep 2019 18:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00µ/5.00ml/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 26 18:45:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	84	0.00
2 T	Dichlorodifluoromethane	0.397	0.375	5.5	86	0.00
3 P	Chloromethane	0.580	0.548	5.5	83	0.00
4 C	Vinyl Chloride	0.623	0.620	0.5#	83	0.00
5 T	Bromomethane	0.420	0.436	-3.8	89	0.00
6 T	Chloroethane	0.387	0.396	-2.3	86	0.00
7 T	Trichlorofluoromethane	0.751	0.768	-2.3	84	0.00
8 T	Diethyl Ether	0.299	0.349	-16.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.490	0.530	-8.2	87	0.00
10 T	Methyl Iodide	0.756	0.753	0.4	75	0.00
11 T	Tert butyl alcohol	0.044	0.053	-20.5#	103	0.00
12 CM	1,1-Dichloroethene	0.514	0.536	-4.3#	85	0.00
13 T	Acrolein	0.054	0.058	-7.4	87	0.00
14 T	Allyl chloride	0.643	0.678	-5.4	85	0.00
15 T	Acrylonitrile	0.136	0.162	-19.1	98	0.00
16 T	Acetone	0.111	0.107	3.6	82	0.00
17 T	Carbon Disulfide	1.595	1.707	-7.0	88	0.00
18 T	Methyl Acetate	0.318	0.341	-7.2	94	0.00
19 T	Methyl tert-butyl Ether	1.217	1.389	-14.1	90	0.00
20 T	Methylene Chloride	0.620	0.668	-7.7	98	0.00
21 T	trans-1,2-Dichloroethene	0.573	0.616	-7.5	88	0.00
22 T	Diisopropyl ether	1.352	1.431	-5.8	87	0.00
23 T	Vinyl Acetate	0.847	0.958	-13.1	91	0.00
24 P	1,1-Dichloroethane	0.819	0.888	-8.4	88	0.00
25 T	2-Butanone	0.168	0.184	-9.5	89	0.00
26 T	2,2-Dichloropropane	0.744	0.751	-0.9	84	0.00
27 T	cis-1,2-Dichloroethene	0.637	0.689	-8.2	87	0.00
28 T	Bromochloromethane	0.312	0.353	-13.1	88	0.00
29 T	Tetrahydrofuran	0.104	0.117	-12.5	93	0.00
30 C	Chloroform	0.857	0.908	-6.0#	87	0.00
31 T	Cyclohexane	0.846	0.832	1.7	86	0.00
32 T	1,1,1-Trichloroethane	0.751	0.772	-2.8	82	0.00
33 S	1,2-Dichloroethane-d4	0.438	0.489	-11.6	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.262	0.284	-8.4	92	0.00
36 T	1,1-Dichloropropene	0.416	0.413	0.7	86	0.00
37 T	Ethyl Acetate	0.219	0.229	-4.6	94	0.00
38 T	Carbon Tetrachloride	0.406	0.394	3.0	82	0.00
39 T	Methylcyclohexane	0.589	0.590	-0.2	86	0.00
40 TM	Benzene	1.313	1.335	-1.7	87	0.00
41 T	Methacrylonitrile	0.106	0.138	-30.2#	107	0.00
42 TM	1,2-Dichloroethane	0.319	0.327	-2.5	89	0.00
43 T	Isopropyl Acetate	0.405	0.436	-7.7	92	0.00
44 TM	Trichloroethene	0.419	0.406	3.1	81	0.00
45 C	1,2-Dichloropropane	0.290	0.305	-5.2#	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.188	-6.2	92	0.00
47 T	Bromodichloromethane	0.398	0.411	-3.3	88	0.00
48 T	Methyl methacrylate	0.182	0.189	-3.8	92	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50 S	Toluene-d8	1.108	1.157	-4.4	86	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.231	-10.0	94	0.00
52 CM	Toluene	0.850	0.859	-1.1#	87	0.00
53 T	t-1,3-Dichloropropene	0.418	0.446	-6.7	90	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.525	-5.8	89	0.00
55 T	1,1,2-Trichloroethane	0.263	0.280	-6.5	93	0.00
56 T	Ethyl methacrylate	0.342	0.376	-9.9	91	0.00
57 T	1,3-Dichloropropane	0.422	0.450	-6.6	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.161	0.172	-6.8	96	0.00
59 T	2-Hexanone	0.150	0.165	-10.0	90	0.00
60 T	Dibromochloromethane	0.297	0.321	-8.1	91	0.00
61 T	1,2-Dibromoethane	0.251	0.271	-8.0	92	0.00
62 S	4-Bromofluorobenzene	0.404	0.386	4.5	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.495	0.480	3.0	82	0.00
65 PM	Chlorobenzene	1.041	1.052	-1.1	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.354	-0.6	84	0.00
67 C	Ethyl Benzene	1.779	1.769	0.6#	86	0.00
68 T	m/p-Xylenes	0.719	0.721	-0.3	86	0.00
69 T	o-Xylene	0.686	0.686	0.0	86	0.00
70 T	Styrene	1.161	1.171	-0.9	85	0.00
71 P	Bromoform	0.207	0.221	-6.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.607	3.610	-0.1	85	0.00
74 T	N-amyl acetate	0.873	0.940	-7.7	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.562	0.616	-9.6	101	0.00
76 T	1,2,3-Trichloropropane	0.503	0.577	-14.7	91	0.00
77 T	Bromobenzene	0.891	0.882	1.0	83	0.00
78 T	n-propylbenzene	4.300	4.303	-0.1	86	0.00
79 T	2-Chlorotoluene	2.340	2.347	-0.3	84	0.00
80 T	1,3,5-Trimethylbenzene	3.001	3.058	-1.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.253	0.271	-7.1	89	0.00
82 T	4-Chlorotoluene	2.438	2.443	-0.2	85	0.00
83 T	tert-Butylbenzene	2.584	2.556	1.1	81	0.00
84 T	1,2,4-Trimethylbenzene	3.033	3.053	-0.7	85	0.00
85 T	sec-Butylbenzene	3.710	3.766	-1.5	86	0.00
86 T	p-Isopropyltoluene	3.304	3.327	-0.7	84	0.00
87 T	1,3-Dichlorobenzene	1.708	1.668	2.3	83	0.00
88 T	1,4-Dichlorobenzene	1.700	1.703	-0.2	84	0.00
89 T	n-Butylbenzene	3.140	3.177	-1.2	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.624	0.635	-1.8	84	0.00
91 T	1,2-Dichlorobenzene	1.560	1.563	-0.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.124	-11.7	90	0.00
93 T	1,2,4-Trichlorobenzene	1.082	1.086	-0.4	82	0.00
94 T	Hexachlorobutadiene	0.528	0.517	2.1	82	0.00
95 T	Naphthalene	2.424	2.546	-5.0	89	0.00
96 T	1,2,3-Trichlorobenzene	0.971	0.970	0.1	81	0.00

(#) = Out of Range

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