

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv092319\
 Data File : VY000140.D
 Acq On : 23 Sep 2019 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 05:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 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	210#	0.00
2 T	Dichlorodifluoromethane	0.496	0.439	11.5	205#	0.00
3 P	Chloromethane	0.916	0.561	38.8#	165#	0.00
4 C	Vinyl Chloride	0.769	0.606	21.2#	172#	0.00
5 T	Bromomethane	0.476	0.377	20.8#	180#	0.00
6 T	Chloroethane	0.475	0.385	18.9	181#	0.00
7 T	Trichlorofluoromethane	0.878	0.852	3.0	211#	0.00
8 T	Diethyl Ether	0.376	0.396	-5.3	218#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.582	0.585	-0.5	222#	0.00
10 T	Methyl Iodide	0.747	0.910	-21.8#	234#	0.00
11 T	Tert butyl alcohol	0.059	0.062	-5.1	223#	0.00
12 CM	1,1-Dichloroethene	0.601	0.612	-1.8#	224#	0.00
13 T	Acrolein	0.024	0.015	37.5#	197#	0.00
14 T	Allyl chloride	0.849	0.921	-8.5	230#	0.00
15 T	Acrylonitrile	0.182	0.189	-3.8	226#	0.00
16 T	Acetone	0.112	0.111	0.9	218#	0.00
17 T	Carbon Disulfide	2.072	2.031	2.0	209#	0.00
18 T	Methyl Acetate	0.409	0.424	-3.7	228#	0.00
19 T	Methyl tert-butyl Ether	1.563	1.666	-6.6	226#	0.00
20 T	Methylene Chloride	0.751	0.794	-5.7	242#	0.00
21 T	trans-1,2-Dichloroethene	0.678	0.686	-1.2	217#	0.00
22 T	Diisopropyl ether	1.810	1.919	-6.0	235#	0.00
23 T	Vinyl Acetate	1.206	1.243	-3.1	225#	0.00
24 P	1,1-Dichloroethane	1.078	1.110	-3.0	227#	0.00
25 T	2-Butanone	0.207	0.213	-2.9	227#	0.00
26 T	2,2-Dichloropropane	0.977	0.881	9.8	205#	0.00
27 T	cis-1,2-Dichloroethene	0.755	0.750	0.7	216#	0.00
28 T	Bromochloromethane	0.421	0.465	-10.5	226#	0.00
29 T	Tetrahydrofuran	0.140	0.151	-7.9	239#	0.00
30 C	Chloroform	1.085	1.048	3.4#	212#	0.00
31 T	Cyclohexane	1.118	1.094	2.1	227#	0.00
32 T	1,1,1-Trichloroethane	0.893	0.869	2.7	212#	0.00
33 S	1,2-Dichloroethane-d4	0.575	0.593	-3.1	215#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	204#	0.00
35 S	Dibromofluoromethane	0.287	0.303	-5.6	213#	0.00
36 T	1,1-Dichloropropene	0.463	0.469	-1.3	213#	0.00
37 T	Ethyl Acetate	0.244	0.270	-10.7	236#	0.00
38 T	Carbon Tetrachloride	0.397	0.395	0.5	207#	0.00
39 T	Methylcyclohexane	0.637	0.671	-5.3	223#	0.00
40 TM	Benzene	1.429	1.457	-2.0	209#	0.00
41 T	Methacrylonitrile	0.120	0.134	-11.7	200#	0.00
42 TM	1,2-Dichloroethane	0.364	0.384	-5.5	218#	0.00
43 T	Isopropyl Acetate	0.489	0.516	-5.5	225#	0.00
44 TM	Trichloroethene	0.355	0.358	-0.8	208#	0.00
45 C	1,2-Dichloropropane	0.345	0.358	-3.8#	229#	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.192	0.189	1.6	211#	0.00
47 T	Bromodichloromethane	0.439	0.448	-2.1	212#	0.00
48 T	Methyl methacrylate	0.209	0.224	-7.2	227#	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	189#	0.00
50 S	Toluene-d8	1.156	1.255	-8.6	210#	0.00
51 T	4-Methyl-2-Pentanone	0.249	0.266	-6.8	222#	0.00
52 CM	Toluene	0.883	0.879	0.5#	208#	0.00
53 T	t-1,3-Dichloropropene	0.479	0.482	-0.6	212#	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.575	-3.4	209#	0.00
55 T	1,1,2-Trichloroethane	0.275	0.340	-23.6#	256#	0.00
56 T	Ethyl methacrylate	0.387	0.480	-24.0#	252#	0.00
57 T	1,3-Dichloropropane	0.478	0.491	-2.7	217#	0.00
58 T	2-Chloroethyl Vinyl ether	0.191	0.205	-7.3	219#	0.00
59 T	2-Hexanone	0.175	0.226	-29.1#	266#	0.00
60 T	Dibromochloromethane	0.287	0.291	-1.4	202#	0.00
61 T	1,2-Dibromoethane	0.258	0.268	-3.9	213#	0.00
62 S	4-Bromofluorobenzene	0.425	0.470	-10.6	230#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	199#	0.00
64 T	Tetrachloroethene	0.381	0.392	-2.9	209#	0.00
65 PM	Chlorobenzene	1.015	1.047	-3.2	211#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.326	0.343	-5.2	211#	0.00
67 C	Ethyl Benzene	1.845	1.894	-2.7#	209#	0.00
68 T	m/p-Xylenes	0.711	0.721	-1.4	203#	0.00
69 T	o-Xylene	0.680	0.693	-1.9	207#	0.00
70 T	Styrene	1.149	1.205	-4.9	206#	0.00
71 P	Bromoform	0.184	0.198	-7.6	215#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	202#	0.00
73 T	Isopropylbenzene	3.981	4.161	-4.5	217#	0.00
74 T	N-amyl acetate	1.110	1.722	-55.1#	313#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.795	0.907	-14.1	236#	0.00
76 T	1,2,3-Trichloropropane	0.524	0.647	-23.5#	280#	0.00
77 T	Bromobenzene	0.832	0.951	-14.3	233#	0.00
78 T	n-propylbenzene	4.924	5.482	-11.3	232#	0.00
79 T	2-Chlorotoluene	2.703	2.758	-2.0	214#	0.00
80 T	1,3,5-Trimethylbenzene	3.332	3.285	1.4	204#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.319	0.335	-5.0	211#	0.00
82 T	4-Chlorotoluene	2.788	2.879	-3.3	211#	0.00
83 T	tert-Butylbenzene	2.729	2.752	-0.8	206#	0.00
84 T	1,2,4-Trimethylbenzene	3.325	3.322	0.1	205#	0.00
85 T	sec-Butylbenzene	4.080	4.195	-2.8	211#	0.00
86 T	p-Isopropyltoluene	3.478	3.429	1.4	201#	0.00
87 T	1,3-Dichlorobenzene	1.629	1.652	-1.4	206#	0.00
88 T	1,4-Dichlorobenzene	1.663	1.691	-1.7	209#	0.00
89 T	n-Butylbenzene	3.568	3.757	-5.3	216#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.689	0.705	-2.3	212#	0.00
91 T	1,2-Dichlorobenzene	1.537	1.528	0.6	201#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.145	0.7	221#	0.00
93 T	1,2,4-Trichlorobenzene	0.988	1.013	-2.5	208#	0.00
94 T	Hexachlorobutadiene	0.439	0.476	-8.4	225#	0.00
95 T	Naphthalene	2.498	2.539	-1.6	209#	0.00
96 T	1,2,3-Trichlorobenzene	0.881	0.918	-4.2	210#	0.00

(#) = Out of Range

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