

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD101419\
 Data File : VD063961.D
 Acq On : 14 Oct 2019 17:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 14 18:12:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 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	91	0.00
2 T	Dichlorodifluoromethane	0.355	0.310	12.7	90	0.00
3 P	Chloromethane	1.086	1.078	0.7	98	0.00
4 C	Vinyl Chloride	1.146	1.217	-6.2#	101	0.00
5 T	Bromomethane	0.737	0.727	1.4	95	0.00
6 T	Chloroethane	0.758	0.777	-2.5	100	0.00
7 T	Trichlorofluoromethane	1.515	1.680	-10.9	106	0.00
8 T	Diethyl Ether	0.243	0.246	-1.2	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.419	0.405	3.3	95	0.00
10 T	Methyl Iodide	0.578	0.519	10.2	83	0.00
11 T	Tert butyl alcohol	0.035	0.033	5.7	89	-0.01
12 CM	1,1-Dichloroethene	0.419	0.380	9.3#	88	0.00
13 T	Acrolein	0.043	0.018	58.1#	38#	0.00
14 T	Allyl chloride	0.697	0.660	5.3	90	0.00
15 T	Acrylonitrile	0.107	0.120	-12.1	104	0.00
16 T	Acetone	0.127	0.121	4.7	80	0.00
17 T	Carbon Disulfide	1.523	1.382	9.3	87	0.01
18 T	Methyl Acetate	0.248	0.274	-10.5	106	0.00
19 T	Methyl tert-butyl Ether	1.085	1.099	-1.3	95	-0.01
20 T	Methylene Chloride	0.650	0.543	16.5	90	0.00
21 T	trans-1,2-Dichloroethene	0.522	0.526	-0.8	96	0.00
22 T	Diisopropyl ether	1.423	1.496	-5.1	98	0.00
23 T	Vinyl Acetate	0.846	0.901	-6.5	98	0.00
24 P	1,1-Dichloroethane	0.876	0.914	-4.3	96	0.00
25 T	2-Butanone	0.150	0.159	-6.0	93	0.00
26 T	2,2-Dichloropropane	0.793	0.782	1.4	94	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.610	-3.4	98	0.00
28 T	Bromochloromethane	0.328	0.364	-11.0	100	0.00
29 T	Tetrahydrofuran	0.088	0.091	-3.4	101	0.00
30 C	Chloroform	0.952	1.000	-5.0#	101	0.00
31 T	Cyclohexane	0.822	0.831	-1.1	101	0.00
32 T	1,1,1-Trichloroethane	0.817	0.859	-5.1	99	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.483	0.8	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.306	0.316	-3.3	93	0.00
36 T	1,1-Dichloropropene	0.457	0.493	-7.9	102	0.00
37 T	Ethyl Acetate	0.207	0.204	1.4	96	0.00
38 T	Carbon Tetrachloride	0.462	0.493	-6.7	100	0.00
39 T	Methylcyclohexane	0.562	0.629	-11.9	104	0.00
40 TM	Benzene	1.310	1.390	-6.1	98	0.00
41 T	Methacrylonitrile	0.106	0.091	14.2	97	0.00
42 TM	1,2-Dichloroethane	0.379	0.395	-4.2	96	0.00
43 T	Isopropyl Acetate	0.383	0.395	-3.1	98	0.00
44 TM	Trichloroethene	0.378	0.398	-5.3	96	0.00
45 C	1,2-Dichloropropane	0.321	0.335	-4.4#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.183	0.206	-12.6	103	0.00
47 T	Bromodichloromethane	0.470	0.488	-3.8	96	0.00
48 T	Methyl methacrylate	0.184	0.182	1.1	98	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	103	0.00
50 S	Toluene-d8	1.240	1.277	-3.0	93	0.00
51 T	4-Methyl-2-Pentanone	0.199	0.215	-8.0	102	0.00
52 CM	Toluene	0.899	0.977	-8.7#	100	0.00
53 T	t-1,3-Dichloropropene	0.459	0.486	-5.9	95	0.00
54 T	cis-1,3-Dichloropropene	0.528	0.566	-7.2	99	0.00
55 T	1,1,2-Trichloroethane	0.258	0.292	-13.2	104	0.00
56 T	Ethyl methacrylate	0.327	0.352	-7.6	98	0.00
57 T	1,3-Dichloropropane	0.441	0.484	-9.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.143	-2.1	92	0.00
59 T	2-Hexanone	0.144	0.159	-10.4	96	0.00
60 T	Dibromochloromethane	0.336	0.377	-12.2	102	0.00
61 T	1,2-Dibromoethane	0.250	0.285	-14.0	100	0.00
62 S	4-Bromofluorobenzene	0.431	0.435	-0.9	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.341	0.361	-5.9	103	0.00
65 PM	Chlorobenzene	1.004	1.085	-8.1	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.394	-6.5	100	0.00
67 C	Ethyl Benzene	1.811	1.951	-7.7#	102	0.00
68 T	m/p-Xylenes	0.699	0.773	-10.6	103	0.00
69 T	o-Xylene	0.669	0.716	-7.0	101	0.00
70 T	Styrene	1.133	1.261	-11.3	101	0.00
71 P	Bromoform	0.199	0.233	-17.1	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.361	3.500	-4.1	103	0.00
74 T	N-amyl acetate	0.724	0.712	1.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.585	0.601	-2.7	105	0.00
76 T	1,2,3-Trichloropropane	0.335	0.397	-18.5	114	0.00
77 T	Bromobenzene	0.837	0.867	-3.6	102	0.00
78 T	n-propylbenzene	3.945	4.205	-6.6	105	0.00
79 T	2-Chlorotoluene	2.175	2.232	-2.6	101	0.00
80 T	1,3,5-Trimethylbenzene	2.804	2.974	-6.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.185	2.1	97	0.00
82 T	4-Chlorotoluene	2.308	2.366	-2.5	101	0.00
83 T	tert-Butylbenzene	2.496	2.551	-2.2	100	0.00
84 T	1,2,4-Trimethylbenzene	2.891	3.033	-4.9	103	0.00
85 T	sec-Butylbenzene	3.370	3.641	-8.0	105	0.00
86 T	p-Isopropyltoluene	3.189	3.538	-10.9	108	0.00
87 T	1,3-Dichlorobenzene	1.655	1.775	-7.3	106	0.00
88 T	1,4-Dichlorobenzene	1.632	1.732	-6.1	105	0.00
89 T	n-Butylbenzene	2.969	3.209	-8.1	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.648	-12.9	109	0.00
91 T	1,2-Dichlorobenzene	1.426	1.546	-8.4	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.105	-4.0	102	0.00
93 T	1,2,4-Trichlorobenzene	1.100	1.194	-8.5	107	0.00
94 T	Hexachlorobutadiene	0.607	0.676	-11.4	108	0.00
95 T	Naphthalene	1.849	2.130	-15.2	108	0.00
96 T	1,2,3-Trichlorobenzene	0.949	1.017	-7.2	104	0.00

(#) = Out of Range

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