

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111419\
 Data File : VD064208.D
 Acq On : 14 Nov 2019 11:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 15 05:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 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	78	0.00
2 T	Dichlorodifluoromethane	0.415	0.417	-0.5	76	0.00
3 P	Chloromethane	0.445	0.474	-6.5	82	0.00
4 C	Vinyl Chloride	0.476	0.554	-16.4#	87	0.00
5 T	Bromomethane	0.300	0.361	-20.3#	89	0.00
6 T	Chloroethane	0.304	0.354	-16.4	87	0.00
7 T	Trichlorofluoromethane	0.771	0.905	-17.4	88	0.00
8 T	Diethyl Ether	0.212	0.195	8.0	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.452	-2.5	79	-0.01
10 T	Methyl Iodide	0.440	0.504	-14.5	73	0.00
11 T	Tert butyl alcohol	0.029	0.026	10.3	66	0.00
12 CM	1,1-Dichloroethene	0.420	0.439	-4.5#	79	0.00
13 T	Acrolein	0.024	0.027	-12.5	73	0.00
14 T	Allyl chloride	0.743	0.739	0.5	73	0.00
15 T	Acrylonitrile	0.090	0.082	8.9	69	0.00
16 T	Acetone	0.097	0.107	-10.3	79	0.00
17 T	Carbon Disulfide	1.308	1.345	-2.8	76	0.00
18 T	Methyl Acetate	0.272	0.244	10.3	70	0.00
19 T	Methyl tert-butyl Ether	1.003	0.937	6.6	70	0.00
20 T	Methylene Chloride	0.492	0.443	10.0	73	-0.01
21 T	trans-1,2-Dichloroethene	0.476	0.488	-2.5	77	0.00
22 T	Diisopropyl ether	1.378	1.338	2.9	73	0.00
23 T	Vinyl Acetate	0.768	0.746	2.9	70	0.00
24 P	1,1-Dichloroethane	0.800	0.826	-3.2	77	0.00
25 T	2-Butanone	0.126	0.116	7.9	69	0.00
26 T	2,2-Dichloropropane	0.785	0.792	-0.9	76	0.00
27 T	cis-1,2-Dichloroethene	0.510	0.513	-0.6	76	-0.01
28 T	Bromochloromethane	0.279	0.297	-6.5	76	0.00
29 T	Tetrahydrofuran	0.076	0.066	13.2	66	0.00
30 C	Chloroform	0.819	0.842	-2.8#	77	0.00
31 T	Cyclohexane	0.807	0.786	2.6	78	0.00
32 T	1,1,1-Trichloroethane	0.784	0.812	-3.6	78	0.00
33 S	1,2-Dichloroethane-d4	0.411	0.385	6.3	67	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.287	0.278	3.1	68	0.00
36 T	1,1-Dichloropropene	0.461	0.471	-2.2	75	0.00
37 T	Ethyl Acetate	0.195	0.170	12.8	66	0.00
38 T	Carbon Tetrachloride	0.494	0.521	-5.5	78	0.00
39 T	Methylcyclohexane	0.584	0.597	-2.2	77	0.00
40 TM	Benzene	1.261	1.272	-0.9	74	0.00
41 T	Methacrylonitrile	0.122	0.123	-0.8	71	0.00
42 TM	1,2-Dichloroethane	0.379	0.367	3.2	72	0.00
43 T	Isopropyl Acetate	0.401	0.353	12.0	66	0.00
44 TM	Trichloroethene	0.379	0.389	-2.6	76	0.00
45 C	1,2-Dichloropropane	0.307	0.305	0.7#	74	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.164	0.156	4.9	71	0.00
47 T	Bromodichloromethane	0.443	0.438	1.1	74	0.00
48 T	Methyl methacrylate	0.196	0.168	14.3	66	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	70	0.00
50 S	Toluene-d8	1.083	1.072	1.0	69	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.168	12.5	66	0.00
52 CM	Toluene	0.829	0.837	-1.0#	75	0.00
53 T	t-1,3-Dichloropropene	0.443	0.423	4.5	71	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.507	1.9	73	0.00
55 T	1,1,2-Trichloroethane	0.223	0.215	3.6	72	0.00
56 T	Ethyl methacrylate	0.312	0.281	9.9	67	0.00
57 T	1,3-Dichloropropane	0.389	0.368	5.4	70	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.112	11.1	66	0.00
59 T	2-Hexanone	0.137	0.126	8.0	68	0.00
60 T	Dibromochloromethane	0.311	0.298	4.2	72	0.00
61 T	1,2-Dibromoethane	0.223	0.211	5.4	70	0.00
62 S	4-Bromofluorobenzene	0.375	0.350	6.7	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.385	0.392	-1.8	74	0.00
65 PM	Chlorobenzene	1.017	1.026	-0.9	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.384	0.8	73	0.00
67 C	Ethyl Benzene	1.839	1.906	-3.6#	76	0.00
68 T	m/p-Xylenes	0.705	0.721	-2.3	74	0.00
69 T	o-Xylene	0.654	0.661	-1.1	74	0.00
70 T	Styrene	1.141	1.126	1.3	72	0.00
71 P	Bromoform	0.220	0.209	5.0	69	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.670	3.792	-3.3	75	0.00
74 T	N-amyl acetate	0.867	0.789	9.0	67	0.00
75 P	1,1,2,2-Tetrachloroethane	0.553	0.537	2.9	71	0.00
76 T	1,2,3-Trichloropropane	0.403	0.323	19.9	58	0.00
77 T	Bromobenzene	0.892	0.872	2.2	71	0.00
78 T	n-propylbenzene	4.193	4.343	-3.6	75	0.00
79 T	2-Chlorotoluene	2.367	2.378	-0.5	73	0.00
80 T	1,3,5-Trimethylbenzene	3.016	3.107	-3.0	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.187	7.9	67	0.00
82 T	4-Chlorotoluene	2.469	2.483	-0.6	73	0.00
83 T	tert-Butylbenzene	2.659	2.746	-3.3	74	0.00
84 T	1,2,4-Trimethylbenzene	2.977	3.044	-2.3	74	0.00
85 T	sec-Butylbenzene	3.571	3.702	-3.7	75	0.00
86 T	p-Isopropyltoluene	3.395	3.463	-2.0	74	0.00
87 T	1,3-Dichlorobenzene	1.655	1.670	-0.9	74	0.00
88 T	1,4-Dichlorobenzene	1.615	1.636	-1.3	72	0.00
89 T	n-Butylbenzene	3.068	3.163	-3.1	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.650	-3.7	76	0.00
91 T	1,2-Dichlorobenzene	1.401	1.399	0.1	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.085	14.1	65	0.00
93 T	1,2,4-Trichlorobenzene	1.081	1.061	1.9	70	0.00
94 T	Hexachlorobutadiene	0.698	0.708	-1.4	73	0.00
95 T	Naphthalene	1.771	1.656	6.5	68	0.00
96 T	1,2,3-Trichlorobenzene	0.919	0.885	3.7	70	0.00

(#) = Out of Range

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