

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064516.D
 Acq On : 13 Dec 2019 19:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 14 00:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 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	77	0.00
2 T	Dichlorodifluoromethane	0.453	0.404	10.8	72	0.00
3 P	Chloromethane	0.571	0.535	6.3	76	0.00
4 C	Vinyl Chloride	0.660	0.655	0.8#	78	0.00
5 T	Bromomethane	0.488	0.476	2.5	80	0.00
6 T	Chloroethane	0.441	0.461	-4.5	82	0.00
7 T	Trichlorofluoromethane	1.097	1.132	-3.2	81	0.00
8 T	Diethyl Ether	0.228	0.253	-11.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.473	-0.6	79	0.00
10 T	Methyl Iodide	0.497	0.557	-12.1	77	0.00
11 T	Tert butyl alcohol	0.029	0.030	-3.4	78	0.00
12 CM	1,1-Dichloroethene	0.451	0.461	-2.2#	80	0.00
13 T	Acrolein	0.039	0.040	-2.6	82	0.00
14 T	Allyl chloride	0.703	0.731	-4.0	80	0.00
15 T	Acrylonitrile	0.100	0.111	-11.0	87	0.00
16 T	Acetone	0.091	0.101	-11.0	81	0.00
17 T	Carbon Disulfide	1.427	1.362	4.6	73	0.00
18 T	Methyl Acetate	0.267	0.290	-8.6	87	0.00
19 T	Methyl tert-butyl Ether	1.034	1.141	-10.3	84	0.00
20 T	Methylene Chloride	0.526	0.529	-0.6	84	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.527	-3.3	80	0.00
22 T	Diisopropyl ether	1.388	1.514	-9.1	83	0.00
23 T	Vinyl Acetate	0.819	0.915	-11.7	83	0.00
24 P	1,1-Dichloroethane	0.835	0.895	-7.2	82	0.00
25 T	2-Butanone	0.129	0.141	-9.3	83	0.00
26 T	2,2-Dichloropropane	0.726	0.746	-2.8	80	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.604	-8.6	84	0.00
28 T	Bromochloromethane	0.285	0.338	-18.6	86	0.00
29 T	Tetrahydrofuran	0.082	0.093	-13.4	88	0.00
30 C	Chloroform	0.865	0.955	-10.4#	85	0.00
31 T	Cyclohexane	0.818	0.765	6.5	77	0.00
32 T	1,1,1-Trichloroethane	0.802	0.851	-6.1	82	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.482	-6.4	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.315	0.324	-2.9	83	0.00
36 T	1,1-Dichloropropene	0.473	0.470	0.6	81	0.00
37 T	Ethyl Acetate	0.201	0.223	-10.9	88	0.00
38 T	Carbon Tetrachloride	0.499	0.515	-3.2	81	0.00
39 T	Methylcyclohexane	0.587	0.569	3.1	77	0.00
40 TM	Benzene	1.314	1.337	-1.8	81	0.00
41 T	Methacrylonitrile	0.115	0.122	-6.1	74	0.00
42 TM	1,2-Dichloroethane	0.383	0.409	-6.8	86	0.00
43 T	Isopropyl Acetate	0.395	0.434	-9.9	86	0.00
44 TM	Trichloroethene	0.396	0.390	1.5	80	0.00
45 C	1,2-Dichloropropane	0.314	0.336	-7.0#	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.195	-10.2	87	0.00
47 T	Bromodichloromethane	0.456	0.500	-9.6	85	0.00
48 T	Methyl methacrylate	0.181	0.193	-6.6	84	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	94	0.00
50 S	Toluene-d8	1.187	1.201	-1.2	83	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.219	-12.3	89	0.00
52 CM	Toluene	0.856	0.892	-4.2#	84	0.00
53 T	t-1,3-Dichloropropene	0.434	0.477	-9.9	85	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.553	-7.2	83	0.00
55 T	1,1,2-Trichloroethane	0.243	0.263	-8.2	87	0.00
56 T	Ethyl methacrylate	0.310	0.341	-10.0	85	0.00
57 T	1,3-Dichloropropane	0.413	0.450	-9.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.136	-10.6	93	0.00
59 T	2-Hexanone	0.135	0.150	-11.1	87	0.00
60 T	Dibromochloromethane	0.329	0.359	-9.1	86	0.00
61 T	1,2-Dibromoethane	0.242	0.263	-8.7	87	0.00
62 S	4-Bromofluorobenzene	0.381	0.394	-3.4	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.381	0.386	-1.3	84	0.00
65 PM	Chlorobenzene	1.043	1.044	-0.1	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.402	-4.1	86	0.00
67 C	Ethyl Benzene	1.855	1.814	2.2#	82	0.00
68 T	m/p-Xylenes	0.707	0.706	0.1	83	0.00
69 T	o-Xylene	0.653	0.648	0.8	82	0.00
70 T	Styrene	1.135	1.162	-2.4	85	0.00
71 P	Bromoform	0.231	0.241	-4.3	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.596	3.461	3.8	82	0.00
74 T	N-amyl acetate	0.816	0.855	-4.8	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.601	-1.0	86	0.00
76 T	1,2,3-Trichloropropane	0.411	0.469	-14.1	102	0.00
77 T	Bromobenzene	0.888	0.891	-0.3	85	0.00
78 T	n-propylbenzene	4.149	4.024	3.0	83	0.00
79 T	2-Chlorotoluene	2.283	2.250	1.4	84	0.00
80 T	1,3,5-Trimethylbenzene	2.939	2.869	2.4	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.199	-5.3	89	0.00
82 T	4-Chlorotoluene	2.417	2.381	1.5	85	0.00
83 T	tert-Butylbenzene	2.555	2.493	2.4	83	0.00
84 T	1,2,4-Trimethylbenzene	2.955	2.815	4.7	82	0.00
85 T	sec-Butylbenzene	3.506	3.381	3.6	82	0.00
86 T	p-Isopropyltoluene	3.310	3.166	4.4	81	0.00
87 T	1,3-Dichlorobenzene	1.685	1.646	2.3	84	0.00
88 T	1,4-Dichlorobenzene	1.664	1.642	1.3	85	0.00
89 T	n-Butylbenzene	3.006	2.895	3.7	81	0.00

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90 T	Hexachloroethane	0.619	0.625	-1.0	86	0.00
91 T	1,2-Dichlorobenzene	1.440	1.450	-0.7	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.099	1.0	90	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.080	2.1	84	0.00
94 T	Hexachlorobutadiene	0.681	0.651	4.4	80	0.00
95 T	Naphthalene	1.841	1.875	-1.8	86	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.950	-0.8	85	0.00

(#) = Out of Range

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