

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121119\
 Data File : VD064493.D
 Acq On : 11 Dec 2019 11:04
 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: Dec 12 03:11:04 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	95	0.00
2 T	Dichlorodifluoromethane	0.453	0.447	1.3	98	0.00
3 P	Chloromethane	0.571	0.557	2.5	96	0.00
4 C	Vinyl Chloride	0.660	0.688	-4.2#	99	0.00
5 T	Bromomethane	0.488	0.440	9.8	90	0.00
6 T	Chloroethane	0.441	0.443	-0.5	96	0.00
7 T	Trichlorofluoromethane	1.097	1.173	-6.9	102	0.00
8 T	Diethyl Ether	0.228	0.207	9.2	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.498	-6.0	102	0.00
10 T	Methyl Iodide	0.497	0.537	-8.0	91	0.00
11 T	Tert butyl alcohol	0.029	0.026	10.3	83	0.00
12 CM	1,1-Dichloroethene	0.451	0.465	-3.1#	98	0.00
13 T	Acrolein	0.039	0.038	2.6	96	0.00
14 T	Allyl chloride	0.703	0.715	-1.7	96	0.00
15 T	Acrylonitrile	0.100	0.089	11.0	86	0.00
16 T	Acetone	0.091	0.106	-16.5	102	0.00
17 T	Carbon Disulfide	1.427	1.443	-1.1	94	0.00
18 T	Methyl Acetate	0.267	0.227	15.0	83	0.00
19 T	Methyl tert-butyl Ether	1.034	0.945	8.6	85	0.00
20 T	Methylene Chloride	0.526	0.479	8.9	93	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.511	-0.2	95	0.00
22 T	Diisopropyl ether	1.388	1.343	3.2	90	0.00
23 T	Vinyl Acetate	0.819	0.781	4.6	87	0.00
24 P	1,1-Dichloroethane	0.835	0.852	-2.0	95	0.00
25 T	2-Butanone	0.129	0.121	6.2	87	0.00
26 T	2,2-Dichloropropane	0.726	0.805	-10.9	105	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.538	3.2	91	0.00
28 T	Bromochloromethane	0.285	0.287	-0.7	89	0.00
29 T	Tetrahydrofuran	0.082	0.071	13.4	83	0.00
30 C	Chloroform	0.865	0.867	-0.2#	94	0.00
31 T	Cyclohexane	0.818	0.825	-0.9	101	0.00
32 T	1,1,1-Trichloroethane	0.802	0.839	-4.6	99	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.416	8.2	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.315	0.309	1.9	91	0.00
36 T	1,1-Dichloropropene	0.473	0.507	-7.2	101	0.00
37 T	Ethyl Acetate	0.201	0.186	7.5	85	0.00
38 T	Carbon Tetrachloride	0.499	0.552	-10.6	101	0.00
39 T	Methylcyclohexane	0.587	0.638	-8.7	99	0.00
40 TM	Benzene	1.314	1.356	-3.2	94	0.00
41 T	Methacrylonitrile	0.115	0.112	2.6	78	0.00
42 TM	1,2-Dichloroethane	0.383	0.379	1.0	91	0.00
43 T	Isopropyl Acetate	0.395	0.359	9.1	82	0.00
44 TM	Trichloroethene	0.396	0.406	-2.5	96	0.00
45 C	1,2-Dichloropropane	0.314	0.323	-2.9#	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.173	2.3	89	0.00
47 T	Bromodichloromethane	0.456	0.468	-2.6	92	0.00
48 T	Methyl methacrylate	0.181	0.166	8.3	84	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.187	1.194	-0.6	95	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.179	8.2	84	0.00
52 CM	Toluene	0.856	0.888	-3.7#	96	0.00
53 T	t-1,3-Dichloropropene	0.434	0.431	0.7	89	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.524	-1.6	91	0.00
55 T	1,1,2-Trichloroethane	0.243	0.234	3.7	89	0.00
56 T	Ethyl methacrylate	0.310	0.291	6.1	84	0.00
57 T	1,3-Dichloropropane	0.413	0.395	4.4	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.108	12.2	85	0.00
59 T	2-Hexanone	0.135	0.132	2.2	88	0.00
60 T	Dibromochloromethane	0.329	0.319	3.0	88	0.00
61 T	1,2-Dibromoethane	0.242	0.227	6.2	86	0.00
62 S	4-Bromofluorobenzene	0.381	0.371	2.6	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.381	0.407	-6.8	97	0.00
65 PM	Chlorobenzene	1.043	1.055	-1.2	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.399	-3.4	93	0.00
67 C	Ethyl Benzene	1.855	1.963	-5.8#	96	0.00
68 T	m/p-Xylenes	0.707	0.758	-7.2	97	0.00
69 T	o-Xylene	0.653	0.689	-5.5	95	0.00
70 T	Styrene	1.135	1.175	-3.5	94	0.00
71 P	Bromoform	0.231	0.221	4.3	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.596	3.833	-6.6	98	0.00
74 T	N-amyl acetate	0.816	0.764	6.4	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.542	8.9	83	0.00
76 T	1,2,3-Trichloropropane	0.411	0.410	0.2	96	0.00
77 T	Bromobenzene	0.888	0.900	-1.4	92	0.00
78 T	n-propylbenzene	4.149	4.468	-7.7	99	0.00
79 T	2-Chlorotoluene	2.283	2.356	-3.2	95	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.087	-5.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.184	2.6	88	0.00
82 T	4-Chlorotoluene	2.417	2.523	-4.4	96	0.00
83 T	tert-Butylbenzene	2.555	2.757	-7.9	99	0.00
84 T	1,2,4-Trimethylbenzene	2.955	3.048	-3.1	95	0.00
85 T	sec-Butylbenzene	3.506	3.805	-8.5	99	0.00
86 T	p-Isopropyltoluene	3.310	3.568	-7.8	99	0.00
87 T	1,3-Dichlorobenzene	1.685	1.718	-2.0	94	0.00
88 T	1,4-Dichlorobenzene	1.664	1.667	-0.2	92	0.00
89 T	n-Butylbenzene	3.006	3.275	-8.9	99	0.00

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90 T	Hexachloroethane	0.619	0.656	-6.0	97	0.00
91 T	1,2-Dichlorobenzene	1.440	1.432	0.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.089	11.0	88	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.077	2.4	90	0.00
94 T	Hexachlorobutadiene	0.681	0.714	-4.8	94	0.00
95 T	Naphthalene	1.841	1.676	9.0	83	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.913	3.1	87	0.00

(#) = Out of Range

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