

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121019\
 Data File : VD064482.D
 Acq On : 10 Dec 2019 10:21
 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 11 00:51:40 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	96	0.00
2 T	Dichlorodifluoromethane	0.453	0.435	4.0	96	0.00
3 P	Chloromethane	0.571	0.541	5.3	95	0.00
4 C	Vinyl Chloride	0.660	0.666	-0.9#	98	0.00
5 T	Bromomethane	0.488	0.456	6.6	95	0.00
6 T	Chloroethane	0.441	0.448	-1.6	99	0.00
7 T	Trichlorofluoromethane	1.097	1.137	-3.6	100	0.00
8 T	Diethyl Ether	0.228	0.214	6.1	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.478	-1.7	99	0.00
10 T	Methyl Iodide	0.497	0.540	-8.7	92	0.00
11 T	Tert butyl alcohol	0.029	0.026	10.3	83	-0.01
12 CM	1,1-Dichloroethene	0.451	0.452	-0.2#	97	0.00
13 T	Acrolein	0.039	0.041	-5.1	106	0.00
14 T	Allyl chloride	0.703	0.727	-3.4	99	0.00
15 T	Acrylonitrile	0.100	0.094	6.0	91	0.00
16 T	Acetone	0.091	0.107	-17.6	105	0.00
17 T	Carbon Disulfide	1.427	1.429	-0.1	95	0.00
18 T	Methyl Acetate	0.267	0.237	11.2	88	0.00
19 T	Methyl tert-butyl Ether	1.034	0.991	4.2	90	0.00
20 T	Methylene Chloride	0.526	0.475	9.7	93	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.509	0.2	96	0.00
22 T	Diisopropyl ether	1.388	1.394	-0.4	95	-0.01
23 T	Vinyl Acetate	0.819	0.808	1.3	91	0.00
24 P	1,1-Dichloroethane	0.835	0.850	-1.8	96	0.00
25 T	2-Butanone	0.129	0.126	2.3	91	0.00
26 T	2,2-Dichloropropane	0.726	0.791	-9.0	105	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.562	-1.1	96	0.00
28 T	Bromochloromethane	0.285	0.278	2.5	88	0.00
29 T	Tetrahydrofuran	0.082	0.075	8.5	89	0.00
30 C	Chloroform	0.865	0.865	0.0	95	0.00
31 T	Cyclohexane	0.818	0.804	1.7	100	0.00
32 T	1,1,1-Trichloroethane	0.802	0.836	-4.2	100	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.447	1.3	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.315	0.327	-3.8	99	0.00
36 T	1,1-Dichloropropene	0.473	0.490	-3.6	100	0.00
37 T	Ethyl Acetate	0.201	0.190	5.5	89	0.00
38 T	Carbon Tetrachloride	0.499	0.538	-7.8	100	0.00
39 T	Methylcyclohexane	0.587	0.616	-4.9	98	0.00
40 TM	Benzene	1.314	1.353	-3.0	96	0.00
41 T	Methacrylonitrile	0.115	0.115	0.0	82	0.00
42 TM	1,2-Dichloroethane	0.383	0.378	1.3	93	0.00
43 T	Isopropyl Acetate	0.395	0.388	1.8	91	0.00
44 TM	Trichloroethene	0.396	0.403	-1.8	98	0.00
45 C	1,2-Dichloropropane	0.314	0.323	-2.9#	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.176	0.6	92	0.00
47 T	Bromodichloromethane	0.456	0.469	-2.9	94	0.00
48 T	Methyl methacrylate	0.181	0.175	3.3	90	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.187	1.237	-4.2	101	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.186	4.6	89	0.00
52 CM	Toluene	0.856	0.888	-3.7#	98	0.00
53 T	t-1,3-Dichloropropene	0.434	0.448	-3.2	94	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.531	-2.9	95	0.00
55 T	1,1,2-Trichloroethane	0.243	0.236	2.9	92	0.00
56 T	Ethyl methacrylate	0.310	0.303	2.3	89	0.00
57 T	1,3-Dichloropropane	0.413	0.406	1.7	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.110	10.6	89	0.00
59 T	2-Hexanone	0.135	0.138	-2.2	94	0.00
60 T	Dibromochloromethane	0.329	0.329	0.0	93	0.00
61 T	1,2-Dibromoethane	0.242	0.236	2.5	92	0.00
62 S	4-Bromofluorobenzene	0.381	0.387	-1.6	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.381	0.390	-2.4	96	0.00
65 PM	Chlorobenzene	1.043	1.052	-0.9	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.395	-2.3	95	0.00
67 C	Ethyl Benzene	1.855	1.940	-4.6#	99	0.00
68 T	m/p-Xylenes	0.707	0.748	-5.8	98	0.00
69 T	o-Xylene	0.653	0.671	-2.8	96	0.00
70 T	Styrene	1.135	1.177	-3.7	97	0.00
71 P	Bromoform	0.231	0.228	1.3	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.596	3.723	-3.5	99	0.00
74 T	N-amyl acetate	0.816	0.782	4.2	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.544	8.6	87	0.00
76 T	1,2,3-Trichloropropane	0.411	0.411	0.0	101	0.00
77 T	Bromobenzene	0.888	0.898	-1.1	96	0.00
78 T	n-propylbenzene	4.149	4.299	-3.6	99	0.00
79 T	2-Chlorotoluene	2.283	2.335	-2.3	98	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.040	-3.4	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.185	2.1	93	0.00
82 T	4-Chlorotoluene	2.417	2.437	-0.8	97	0.00
83 T	tert-Butylbenzene	2.555	2.694	-5.4	101	0.00
84 T	1,2,4-Trimethylbenzene	2.955	2.991	-1.2	98	0.00
85 T	sec-Butylbenzene	3.506	3.685	-5.1	100	0.00
86 T	p-Isopropyltoluene	3.310	3.503	-5.8	101	0.00
87 T	1,3-Dichlorobenzene	1.685	1.722	-2.2	99	0.00
88 T	1,4-Dichlorobenzene	1.664	1.671	-0.4	97	0.00
89 T	n-Butylbenzene	3.006	3.161	-5.2	100	0.00

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90 T	Hexachloroethane	0.619	0.648	-4.7	100	0.00
91 T	1,2-Dichlorobenzene	1.440	1.427	0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.093	7.0	95	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.065	3.4	93	0.00
94 T	Hexachlorobutadiene	0.681	0.698	-2.5	96	0.00
95 T	Naphthalene	1.841	1.723	6.4	89	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.919	2.4	92	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5