

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD031919\
 Data File : VD061177.D
 Acq On : 19 Mar 2019 11:14
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 11:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 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	92	-0.01
2 T	Dichlorodifluoromethane	0.495	0.456	7.9	85	-0.02
3 P	Chloromethane	0.413	0.344	16.7	81	-0.01
4 C	Vinyl Chloride	0.381	0.355	6.8#	84	-0.01
5 T	Bromomethane	0.073	0.079	-8.2	103	-0.02
6 T	Chloroethane	0.114	0.125	-9.6	85	-0.01
7 T	Trichlorofluoromethane	0.548	0.547	0.2	85	-0.01
8 T	Diethyl Ether	0.181	0.192	-6.1	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.612	0.632	-3.3	102	-0.01
10 T	Methyl Iodide	0.714	0.873	-22.3#	91	-0.02
11 T	Tert butyl alcohol	0.026	0.027	-3.8	85	-0.01
12 CM	1,1-Dichloroethene	0.502	0.494	1.6#	93	-0.01
13 T	Acrolein	0.038	0.029	23.7#	75	-0.02
14 T	Allyl chloride	0.803	0.747	7.0	83	-0.01
15 T	Acrylonitrile	0.094	0.092	2.1	92	-0.01
16 T	Acetone	0.119	0.133	-11.8	100	-0.01
17 T	Carbon Disulfide	1.693	1.563	7.7	85	-0.02
18 T	Methyl Acetate	0.234	0.249	-6.4	100	-0.02
19 T	Methyl tert-butyl Ether	0.880	0.910	-3.4	93	-0.02
20 T	Methylene Chloride	0.636	0.573	9.9	91	-0.02
21 T	trans-1,2-Dichloroethene	0.543	0.519	4.4	87	-0.02
22 T	Diisopropyl ether	1.667	1.607	3.6	84	-0.01
23 T	Vinyl Acetate	0.856	0.861	-0.6	90	-0.01
24 P	1,1-Dichloroethane	0.913	0.959	-5.0	93	-0.02
25 T	2-Butanone	0.135	0.144	-6.7	91	-0.01
26 T	2,2-Dichloropropane	0.713	0.749	-5.0	95	-0.01
27 T	cis-1,2-Dichloroethene	0.576	0.580	-0.7	89	-0.02
28 T	Bromochloromethane	0.387	0.366	5.4	85	-0.02
29	Tetrahydrofuran	0.073	0.064	12.3	75	-0.02
30 C	Chloroform	0.947	1.015	-7.2#	103	-0.02
31 T	Cyclohexane	0.736	0.722	1.9	83	-0.01
32 T	1,1,1-Trichloroethane	0.818	0.836	-2.2	92	-0.02
33 S	1,2-Dichloroethane-d4	0.416	0.412	1.0	91	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	-0.01
35 S	Dibromofluoromethane	0.371	0.369	0.5	94	-0.01
36 T	1,1-Dichloropropene	0.431	0.392	9.0	90	-0.01
37 T	Ethyl Acetate	0.202	0.180	10.9	87	-0.01
38 T	Carbon Tetrachloride	0.475	0.517	-8.8	108	-0.01
39 T	Methylcyclohexane	0.447	0.427	4.5	88	0.00
40 TM	Benzene	1.077	1.019	5.4	86	-0.01
41 T	Methacrylonitrile	0.233	0.212	9.0	84	-0.01
42 TM	1,2-Dichloroethane	0.313	0.321	-2.6	93	-0.01
43 T	Isopropyl Acetate	0.280	0.266	5.0	86	0.00
44 TM	Trichloroethene	0.372	0.359	3.5	88	-0.01
45 C	1,2-Dichloropropane	0.283	0.248	12.4#	81	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.179	0.176	1.7	92	-0.01
47 T	Bromodichloromethane	0.405	0.409	-1.0	89	-0.01
48 T	Methyl methacrylate	0.158	0.139	12.0	80	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	89	-0.01
50 S	Toluene-d8	0.932	0.870	6.7	89	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.161	6.4	88	0.00
52 CM	Toluene	0.670	0.549	18.1#	76	0.00
53 T	t-1,3-Dichloropropene	0.370	0.365	1.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.445	0.433	2.7	95	-0.01
55 T	1,1,2-Trichloroethane	0.223	0.219	1.8	93	-0.01
56 T	Ethyl methacrylate	0.233	0.225	3.4	90	-0.01
57 T	1,3-Dichloropropane	0.333	0.346	-3.9	100	-0.01
58 T	2-Chloroethyl Vinyl ether	0.124	0.105	15.3	84	0.00
59 T	2-Hexanone	0.126	0.117	7.1	86	0.00
60 T	Dibromochloromethane	0.328	0.325	0.9	89	-0.01
61 T	1,2-Dibromoethane	0.259	0.265	-2.3	92	0.00
62 S	4-Bromofluorobenzene	0.362	0.348	3.9	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.338	0.352	-4.1	86	0.00
65 PM	Chlorobenzene	0.980	1.075	-9.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.349	0.388	-11.2	91	0.00
67 C	Ethyl Benzene	1.459	1.451	0.5#	85	0.00
68 T	m/p-Xylenes	0.573	0.598	-4.4	88	-0.01
69 T	o-Xylene	0.563	0.569	-1.1	89	-0.01
70 T	Styrene	0.919	0.952	-3.6	91	0.00
71 P	Bromoform	0.225	0.253	-12.4	92	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.603	3.003	16.7	87	-0.01
74 T	N-amyl acetate	1.015	0.843	16.9	82	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.703	0.642	8.7	91	-0.01
76 T	1,2,3-Trichloropropane	0.719	0.684	4.9	93	0.00
77 T	Bromobenzene	0.920	0.935	-1.6	100	-0.01
78 T	n-propylbenzene	4.218	3.556	15.7	83	0.00
79 T	2-Chlorotoluene	2.322	2.234	3.8	105	0.00
80 T	1,3,5-Trimethylbenzene	2.736	2.561	6.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.212	0.204	3.8	91	-0.01
82 T	4-Chlorotoluene	2.746	2.339	14.8	83	0.00
83 T	tert-Butylbenzene	2.994	3.056	-2.1	92	-0.01
84 T	1,2,4-Trimethylbenzene	2.736	2.561	6.4	88	0.00
85 T	sec-Butylbenzene	3.655	3.641	0.4	107	-0.01
86 T	p-Isopropyltoluene	2.987	2.880	3.6	93	0.00
87 T	1,3-Dichlorobenzene	1.643	1.538	6.4	93	-0.01
88 T	1,4-Dichlorobenzene	1.614	1.608	0.4	102	0.00
89 T	n-Butylbenzene	2.869	2.575	10.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.844	0.778	7.8	88	-0.01
91 T	1,2-Dichlorobenzene	1.369	1.320	3.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.080	5.9	90	-0.01
93 T	1,2,4-Trichlorobenzene	0.635	0.645	-1.6	95	-0.01
94 T	Hexachlorobutadiene	0.480	0.445	7.3	96	0.00
95 T	Naphthalene	0.965	1.005	-4.1	109	0.00
96 T	1,2,3-Trichlorobenzene	0.314	0.295	6.1	105	0.00

(#) = Out of Range

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