

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\
 Data File : VD061983.D
 Acq On : 23 Apr 2019 23:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 24 03:56:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 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	76	0.00
2 T	Dichlorodifluoromethane	0.446	0.449	-0.7	75	-0.01
3 P	Chloromethane	0.379	0.358	5.5	78	0.00
4 C	Vinyl Chloride	0.344	0.334	2.9#	77	0.00
5 T	Bromomethane	0.098	0.104	-6.1	82	0.00
6 T	Chloroethane	0.124	0.141	-13.7	84	-0.01
7 T	Trichlorofluoromethane	0.520	0.557	-7.1	85	0.00
8 T	Diethyl Ether	0.139	0.173	-24.5#	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.538	-12.3	89	0.00
10 T	Methyl Iodide	0.598	0.890	-48.8#	99	0.00
11 T	Tert butyl alcohol	0.022	0.035	-59.1#	127	0.00
12 CM	1,1-Dichloroethene	0.408	0.461	-13.0#	89	-0.01
13 T	Acrolein	0.023	0.026	-13.0	101	0.00
14 T	Allyl chloride	0.557	0.685	-23.0#	99	0.00
15 T	Acrylonitrile	0.068	0.101	-48.5#	118	-0.01
16 T	Acetone	0.093	0.105	-12.9	87	0.00
17 T	Carbon Disulfide	1.178	1.444	-22.6#	97	0.00
18 T	Methyl Acetate	0.188	0.255	-35.6#	127	0.00
19 T	Methyl tert-butyl Ether	0.809	1.033	-27.7#	102	0.00
20 T	Methylene Chloride	0.518	0.551	-6.4	95	0.00
21 T	trans-1,2-Dichloroethene	0.468	0.515	-10.0	85	0.00
22 T	Diisopropyl ether	1.299	1.578	-21.5#	98	0.00
23 T	Vinyl Acetate	0.677	0.897	-32.5#	104	0.00
24 P	1,1-Dichloroethane	0.785	0.947	-20.6#	99	0.00
25 T	2-Butanone	0.113	0.151	-33.6#	108	0.00
26 T	2,2-Dichloropropane	0.685	0.728	-6.3	87	0.00
27 T	cis-1,2-Dichloroethene	0.532	0.633	-19.0	99	0.00
28 T	Bromochloromethane	0.300	0.371	-23.7#	100	0.00
29	Tetrahydrofuran	0.056	0.078	-39.3#	107	0.00
30 C	Chloroform	0.892	1.083	-21.4#	92	0.00
31 T	Cyclohexane	0.583	0.649	-11.3	82	0.00
32 T	1,1,1-Trichloroethane	0.776	0.878	-13.1	82	0.00
33 S	1,2-Dichloroethane-d4	0.391	0.467	-19.4	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.346	0.403	-16.5	96	0.00
36 T	1,1-Dichloropropene	0.390	0.391	-0.3	80	0.00
37 T	Ethyl Acetate	0.166	0.216	-30.1#	116	0.00
38 T	Carbon Tetrachloride	0.494	0.507	-2.6	77	0.00
39 T	Methylcyclohexane	0.384	0.389	-1.3	81	0.00
40 TM	Benzene	0.964	1.010	-4.8	85	0.00
41 T	Methacrylonitrile	0.194	0.259	-33.5#	103	0.02
42 TM	1,2-Dichloroethane	0.327	0.365	-11.6	94	0.00
43 T	Isopropyl Acetate	0.243	0.305	-25.5#	106	0.00
44 TM	Trichloroethene	0.374	0.382	-2.1	82	0.00
45 C	1,2-Dichloropropane	0.245	0.272	-11.0#	91	0.00

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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)
46 T	Dibromomethane	0.176	0.216	-22.7#	100	0.00
47 T	Bromodichloromethane	0.416	0.471	-13.2	95	0.00
48 T	Methyl methacrylate	0.138	0.175	-26.8#	110	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	106	0.00
50 S	Toluene-d8	0.823	0.856	-4.0	88	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.190	-28.4#	106	0.00
52 CM	Toluene	0.615	0.658	-7.0#	94	0.00
53 T	t-1,3-Dichloropropene	0.349	0.434	-24.4#	97	0.00
54 T	cis-1,3-Dichloropropene	0.425	0.503	-18.4	98	0.00
55 T	1,1,2-Trichloroethane	0.206	0.261	-26.7#	105	0.00
56 T	Ethyl methacrylate	0.229	0.281	-22.7#	103	0.00
57 T	1,3-Dichloropropane	0.319	0.384	-20.4#	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.106	0.127	-19.8	107	0.00
59 T	2-Hexanone	0.111	0.141	-27.0#	105	0.00
60 T	Dibromochloromethane	0.342	0.426	-24.6#	103	0.00
61 T	1,2-Dibromoethane	0.245	0.303	-23.7#	110	0.00
62 S	4-Bromofluorobenzene	0.330	0.361	-9.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.357	0.382	-7.0	94	0.00
65 PM	Chlorobenzene	0.945	0.947	-0.2	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.401	0.423	-5.5	92	0.00
67 C	Ethyl Benzene	1.542	1.545	-0.2#	90	0.00
68 T	m/p-Xylenes	0.557	0.585	-5.0	97	0.02
69 T	o-Xylene	0.510	0.546	-7.1	98	0.00
70 T	Styrene	0.881	0.947	-7.5	97	0.00
71 P	Bromoform	0.228	0.273	-19.7	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.335	3.526	-5.7	89	0.00
74 T	N-amyl acetate	0.859	1.093	-27.2#	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.654	0.825	-26.1#	103	0.00
76 T	1,2,3-Trichloropropane	0.635	0.823	-29.6#	104	0.00
77 T	Bromobenzene	0.957	1.122	-17.2	99	0.00
78 T	n-propylbenzene	3.818	4.465	-16.9	101	0.00
79 T	2-Chlorotoluene	2.313	2.510	-8.5	92	0.00
80 T	1,3,5-Trimethylbenzene	2.659	2.938	-10.5	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.192	0.249	-29.7#	109	0.00
82 T	4-Chlorotoluene	2.547	2.773	-8.9	91	0.00
83 T	tert-Butylbenzene	3.081	3.283	-6.6	86	0.00
84 T	1,2,4-Trimethylbenzene	2.539	2.879	-13.4	87	0.00
85 T	sec-Butylbenzene	3.329	3.676	-10.4	91	0.00
86 T	p-Isopropyltoluene	2.979	3.209	-7.7	83	0.00
87 T	1,3-Dichlorobenzene	1.676	1.822	-8.7	91	0.00
88 T	1,4-Dichlorobenzene	1.567	1.734	-10.7	89	0.00
89 T	n-Butylbenzene	2.675	2.619	2.1	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.806	0.860	-6.7	84	0.00
91 T	1,2-Dichlorobenzene	1.382	1.536	-11.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.117	-34.5#	108	0.00
93 T	1,2,4-Trichlorobenzene	0.746	0.910	-22.0#	94	0.00
94 T	Hexachlorobutadiene	0.552	0.706	-27.9#	95	0.00
95 T	Naphthalene	1.204	1.696	-40.9#	115	0.00
96 T	1,2,3-Trichlorobenzene	0.423	0.638	-50.8#	112	0.00

(#) = Out of Range

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