

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063014.D
 Acq On : 2 Jul 2019 20:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:37:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	87	0.00
2 T	Dichlorodifluoromethane	0.647	0.599	7.4	81	0.00
3 P	Chloromethane	0.487	0.463	4.9	86	0.00
4 C	Vinyl Chloride	0.482	0.484	-0.4#	85	0.00
5 T	Bromomethane	0.226	0.230	-1.8	77	0.00
6 T	Chloroethane	0.218	0.245	-12.4	91	0.00
7 T	Trichlorofluoromethane	0.976	1.068	-9.4	93	0.00
8 T	Diethyl Ether	0.124	0.143	-15.3	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.577	-9.1	95	0.00
10 T	Methyl Iodide	0.698	0.775	-11.0	91	0.00
11 T	Tert butyl alcohol	0.025	0.030	-20.0	110	0.00
12 CM	1,1-Dichloroethene	0.397	0.425	-7.1#	93	0.00
13 T	Acrolein	0.025	0.019	24.0#	68	0.00
14 T	Allyl chloride	0.586	0.658	-12.3	93	0.00
15 T	Acrylonitrile	0.058	0.069	-19.0	100	0.00
16 T	Acetone	0.122	0.112	8.2	88	0.00
17 T	Carbon Disulfide	1.268	1.263	0.4	84	0.00
18 T	Methyl Acetate	0.164	0.190	-15.9	103	0.00
19 T	Methyl tert-butyl Ether	0.859	1.002	-16.6	94	0.00
20 T	Methylene Chloride	0.414	0.472	-14.0	100	0.00
21 T	trans-1,2-Dichloroethene	0.423	0.466	-10.2	94	0.00
22 T	Diisopropyl ether	1.192	1.423	-19.4	102	0.00
23 T	Vinyl Acetate	0.746	0.881	-18.1	99	0.00
24 P	1,1-Dichloroethane	0.776	0.914	-17.8	99	0.00
25 T	2-Butanone	0.102	0.121	-18.6	101	0.00
26 T	2,2-Dichloropropane	0.823	0.907	-10.2	91	0.00
27 T	cis-1,2-Dichloroethene	0.447	0.534	-19.5	101	0.00
28 T	Bromochloromethane	0.273	0.296	-8.4	94	0.00
29	Tetrahydrofuran	0.048	0.059	-22.9#	106	0.00
30 C	Chloroform	0.944	1.119	-18.5#	100	0.00
31 T	Cyclohexane	0.510	0.545	-6.9	90	0.00
32 T	1,1,1-Trichloroethane	0.983	1.103	-12.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.543	0.558	-2.8	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.422	0.430	-1.9	95	0.00
36 T	1,1-Dichloropropene	0.473	0.538	-13.7	94	0.00
37 T	Ethyl Acetate	0.217	0.229	-5.5	99	0.00
38 T	Carbon Tetrachloride	0.712	0.830	-16.6	98	0.00
39 T	Methylcyclohexane	0.417	0.434	-4.1	87	0.00
40 TM	Benzene	0.950	1.136	-19.6	99	0.00
41 T	Methacrylonitrile	0.250	0.290	-16.0	99	0.00
42 TM	1,2-Dichloroethane	0.518	0.599	-15.6	95	0.00
43 T	Isopropyl Acetate	0.248	0.316	-27.4#	103	0.00
44 TM	Trichloroethene	0.372	0.443	-19.1	98	0.00
45 C	1,2-Dichloropropane	0.236	0.275	-16.5#	99	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	0.203	0.240	-18.2	101	0.00
47 T	Bromodichloromethane	0.527	0.656	-24.5#	99	0.00
48 T	Methyl methacrylate	0.176	0.207	-17.6	103	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	106	0.00
50 S	Toluene-d8	0.918	0.987	-7.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.214	-21.6#	105	0.00
52 CM	Toluene	0.639	0.734	-14.9#	95	0.00
53 T	t-1,3-Dichloropropene	0.431	0.517	-20.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.469	0.564	-20.3#	99	0.00
55 T	1,1,2-Trichloroethane	0.219	0.268	-22.4#	108	0.00
56 T	Ethyl methacrylate	0.234	0.291	-24.4#	103	0.00
57 T	1,3-Dichloropropane	0.336	0.383	-14.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.147	-22.5#	106	0.00
59 T	2-Hexanone	0.125	0.149	-19.2	99	0.00
60 T	Dibromochloromethane	0.409	0.504	-23.2#	104	0.00
61 T	1,2-Dibromoethane	0.259	0.295	-13.9	96	0.00
62 S	4-Bromofluorobenzene	0.417	0.432	-3.6	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.412	0.474	-15.0	104	0.00
65 PM	Chlorobenzene	0.928	1.050	-13.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.434	0.491	-13.1	98	0.00
67 C	Ethyl Benzene	1.666	1.811	-8.7#	98	0.00
68 T	m/p-Xylenes	0.580	0.650	-12.1	96	0.00
69 T	o-Xylene	0.530	0.613	-15.7	96	0.00
70 T	Styrene	0.932	1.042	-11.8	96	0.00
71 P	Bromoform	0.297	0.359	-20.9#	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.206	3.563	-11.1	98	0.00
74 T	N-amyl acetate	0.779	0.923	-18.5	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.619	-18.6	109	0.00
76 T	1,2,3-Trichloropropane	0.577	0.713	-23.6#	108	0.00
77 T	Bromobenzene	0.862	1.038	-20.4#	102	0.00
78 T	n-propylbenzene	3.731	4.348	-16.5	107	0.00
79 T	2-Chlorotoluene	2.132	2.472	-15.9	102	0.00
80 T	1,3,5-Trimethylbenzene	2.693	3.008	-11.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.184	-21.9#	107	0.00
82 T	4-Chlorotoluene	2.567	2.866	-11.6	101	0.00
83 T	tert-Butylbenzene	3.002	3.389	-12.9	99	0.00
84 T	1,2,4-Trimethylbenzene	2.760	3.014	-9.2	94	0.00
85 T	sec-Butylbenzene	3.262	3.772	-15.6	105	0.00
86 T	p-Isopropyltoluene	2.984	3.277	-9.8	93	0.00
87 T	1,3-Dichlorobenzene	1.546	1.865	-20.6#	105	0.00
88 T	1,4-Dichlorobenzene	1.553	1.713	-10.3	97	0.00
89 T	n-Butylbenzene	2.793	3.278	-17.4	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.937	-16.8	98	0.00
91 T	1,2-Dichlorobenzene	1.322	1.656	-25.3#	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.118	-15.7	99	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.224	-18.5	108	0.00
94 T	Hexachlorobutadiene	0.789	0.927	-17.5	104	0.00
95 T	Naphthalene	1.448	1.747	-20.6#	103	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.957	-20.5#	108	0.00

(#) = Out of Range

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