

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
 Data File : VD063073.D
 Acq On : 12 Jul 2019 16:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 12 17:04:33 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	89	0.00
2 T	Dichlorodifluoromethane	0.647	0.509	21.3#	71	0.00
3 P	Chloromethane	0.487	0.419	14.0	80	0.00
4 C	Vinyl Chloride	0.482	0.450	6.6#	82	0.00
5 T	Bromomethane	0.226	0.183	19.0	63	-0.01
6 T	Chloroethane	0.218	0.219	-0.5	83	0.00
7 T	Trichlorofluoromethane	0.976	0.952	2.5	85	0.00
8 T	Diethyl Ether	0.124	0.131	-5.6	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.517	2.3	88	0.00
10 T	Methyl Iodide	0.698	0.731	-4.7	89	0.00
11 T	Tert butyl alcohol	0.025	0.030	-20.0	116	0.00
12 CM	1,1-Dichloroethene	0.397	0.383	3.5#	86	0.00
13 T	Acrolein	0.025	0.023	8.0	87	0.00
14 T	Allyl chloride	0.586	0.661	-12.8	96	0.00
15 T	Acrylonitrile	0.058	0.073	-25.9#	110	0.00
16 T	Acetone	0.122	0.139	-13.9	112	0.00
17 T	Carbon Disulfide	1.268	1.091	14.0	75	0.00
18 T	Methyl Acetate	0.164	0.201	-22.6#	112	0.00
19 T	Methyl tert-butyl Ether	0.859	1.022	-19.0	99	0.00
20 T	Methylene Chloride	0.414	0.469	-13.3	102	0.00
21 T	trans-1,2-Dichloroethene	0.423	0.449	-6.1	93	0.00
22 T	Diisopropyl ether	1.192	1.492	-25.2#	110	0.00
23 T	Vinyl Acetate	0.746	0.891	-19.4	103	0.00
24 P	1,1-Dichloroethane	0.776	0.910	-17.3	101	0.00
25 T	2-Butanone	0.102	0.132	-29.4#	113	0.00
26 T	2,2-Dichloropropane	0.823	0.906	-10.1	94	0.00
27 T	cis-1,2-Dichloroethene	0.447	0.499	-11.6	98	0.00
28 T	Bromochloromethane	0.273	0.302	-10.6	99	0.00
29	Tetrahydrofuran	0.048	0.059	-22.9#	110	0.00
30 C	Chloroform	0.944	1.090	-15.5#	100	0.00
31 T	Cyclohexane	0.510	0.524	-2.7	90	0.00
32 T	1,1,1-Trichloroethane	0.983	1.039	-5.7	90	0.00
33 S	1,2-Dichloroethane-d4	0.543	0.542	0.2	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.422	0.425	-0.7	102	0.00
36 T	1,1-Dichloropropene	0.473	0.462	2.3	87	0.00
37 T	Ethyl Acetate	0.217	0.207	4.6	96	0.00
38 T	Carbon Tetrachloride	0.712	0.770	-8.1	98	0.00
39 T	Methylcyclohexane	0.417	0.413	1.0	89	0.00
40 TM	Benzene	0.950	1.067	-12.3	100	0.00
41 T	Methacrylonitrile	0.250	0.283	-13.2	104	0.00
42 TM	1,2-Dichloroethane	0.518	0.570	-10.0	97	0.00
43 T	Isopropyl Acetate	0.248	0.308	-24.2#	108	0.00
44 TM	Trichloroethene	0.372	0.408	-9.7	97	0.00
45 C	1,2-Dichloropropane	0.236	0.272	-15.3#	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.203	0.224	-10.3	102	0.00
47 T	Bromodichloromethane	0.527	0.578	-9.7	94	0.00
48 T	Methyl methacrylate	0.176	0.202	-14.8	108	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	126	0.00
50 S	Toluene-d8	0.918	0.926	-0.9	95	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.206	-17.0	109	0.00
52 CM	Toluene	0.639	0.718	-12.4#	100	0.00
53 T	t-1,3-Dichloropropene	0.431	0.507	-17.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.469	0.551	-17.5	105	0.00
55 T	1,1,2-Trichloroethane	0.219	0.238	-8.7	103	0.00
56 T	Ethyl methacrylate	0.234	0.290	-23.9#	110	0.00
57 T	1,3-Dichloropropane	0.336	0.379	-12.8	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.115	4.2	89	0.00
59 T	2-Hexanone	0.125	0.156	-24.8#	111	0.00
60 T	Dibromochloromethane	0.409	0.473	-15.6	105	0.00
61 T	1,2-Dibromoethane	0.259	0.291	-12.4	102	0.00
62 S	4-Bromofluorobenzene	0.417	0.435	-4.3	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.412	0.415	-0.7	90	0.00
65 PM	Chlorobenzene	0.928	1.116	-20.3#	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.434	0.492	-13.4	97	0.00
67 C	Ethyl Benzene	1.666	1.840	-10.4#	98	0.00
68 T	m/p-Xylenes	0.580	0.635	-9.5	93	0.00
69 T	o-Xylene	0.530	0.621	-17.2	96	0.00
70 T	Styrene	0.932	1.054	-13.1	96	0.00
71 P	Bromoform	0.297	0.348	-17.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.206	3.319	-3.5	93	0.00
74 T	N-amyl acetate	0.779	0.938	-20.4#	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.633	-21.3#	114	0.00
76 T	1,2,3-Trichloropropane	0.577	0.693	-20.1#	107	0.00
77 T	Bromobenzene	0.862	0.956	-10.9	96	0.00
78 T	n-propylbenzene	3.731	4.273	-14.5	107	0.00
79 T	2-Chlorotoluene	2.132	2.256	-5.8	95	0.00
80 T	1,3,5-Trimethylbenzene	2.693	2.899	-7.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.183	-21.2#	109	0.00
82 T	4-Chlorotoluene	2.567	2.696	-5.0	97	0.00
83 T	tert-Butylbenzene	3.002	3.391	-13.0	101	0.00
84 T	1,2,4-Trimethylbenzene	2.760	3.021	-9.5	96	0.00
85 T	sec-Butylbenzene	3.262	3.553	-8.9	101	0.00
86 T	p-Isopropyltoluene	2.984	3.301	-10.6	95	0.00
87 T	1,3-Dichlorobenzene	1.546	1.699	-9.9	98	0.00
88 T	1,4-Dichlorobenzene	1.553	1.727	-11.2	99	0.00
89 T	n-Butylbenzene	2.793	3.071	-10.0	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.852	-6.2	91	0.00
91 T	1,2-Dichlorobenzene	1.322	1.528	-15.6	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.120	-17.6	102	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.169	-13.2	105	0.00
94 T	Hexachlorobutadiene	0.789	0.866	-9.8	99	0.00
95 T	Naphthalene	1.448	1.778	-22.8#	107	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.977	-23.0#	112	0.00

(#) = Out of Range

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