

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062419\
 Data File : VD062831.D
 Acq On : 24 Jun 2019 10:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 05:10:11 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	101	0.00
2 T	Dichlorodifluoromethane	0.647	0.552	14.7	87	0.00
3 P	Chloromethane	0.487	0.406	16.6	88	0.00
4 C	Vinyl Chloride	0.482	0.430	10.8#	88	0.00
5 T	Bromomethane	0.226	0.204	9.7	79	0.00
6 T	Chloroethane	0.218	0.217	0.5	94	0.00
7 T	Trichlorofluoromethane	0.976	0.932	4.5	94	0.00
8 T	Diethyl Ether	0.124	0.134	-8.1	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.501	5.3	96	0.00
10 T	Methyl Iodide	0.698	0.638	8.6	87	0.00
11 T	Tert butyl alcohol	0.025	0.026	-4.0	114	0.00
12 CM	1,1-Dichloroethene	0.397	0.372	6.3#	95	0.00
13 T	Acrolein	0.025	0.026	-4.0	112	0.00
14 T	Allyl chloride	0.586	0.558	4.8	91	0.00
15 T	Acrylonitrile	0.058	0.056	3.4	95	0.00
16 T	Acetone	0.122	0.119	2.5	108	0.00
17 T	Carbon Disulfide	1.268	1.133	10.6	88	0.00
18 T	Methyl Acetate	0.164	0.179	-9.1	112	0.00
19 T	Methyl tert-butyl Ether	0.859	0.904	-5.2	99	0.00
20 T	Methylene Chloride	0.414	0.356	14.0	88	0.00
21 T	trans-1,2-Dichloroethene	0.423	0.375	11.3	88	0.00
22 T	Diisopropyl ether	1.192	1.182	0.8	99	0.00
23 T	Vinyl Acetate	0.746	0.776	-4.0	101	0.00
24 P	1,1-Dichloroethane	0.776	0.730	5.9	92	0.00
25 T	2-Butanone	0.102	0.110	-7.8	106	0.00
26 T	2,2-Dichloropropane	0.823	0.827	-0.5	97	0.00
27 T	cis-1,2-Dichloroethene	0.447	0.418	6.5	92	0.00
28 T	Bromochloromethane	0.273	0.234	14.3	86	0.00
29	Tetrahydrofuran	0.048	0.051	-6.2	106	0.00
30 C	Chloroform	0.944	0.896	5.1#	93	0.00
31 T	Cyclohexane	0.510	0.443	13.1	86	0.00
32 T	1,1,1-Trichloroethane	0.983	0.901	8.3	88	0.00
33 S	1,2-Dichloroethane-d4	0.543	0.614	-13.1	120	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.422	0.441	-4.5	114	0.00
36 T	1,1-Dichloropropene	0.473	0.455	3.8	92	0.00
37 T	Ethyl Acetate	0.217	0.205	5.5	103	0.00
38 T	Carbon Tetrachloride	0.712	0.697	2.1	96	0.00
39 T	Methylcyclohexane	0.417	0.376	9.8	88	0.00
40 TM	Benzene	0.950	0.920	3.2	94	0.00
41 T	Methacrylonitrile	0.250	0.261	-4.4	104	0.02
42 TM	1,2-Dichloroethane	0.518	0.519	-0.2	95	0.00
43 T	Isopropyl Acetate	0.248	0.267	-7.7	101	0.00
44 TM	Trichloroethene	0.372	0.371	0.3	96	0.00
45 C	1,2-Dichloropropane	0.236	0.217	8.1#	91	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.203	0.193	4.9	95	0.00
47 T	Bromodichloromethane	0.527	0.524	0.6	92	0.00
48 T	Methyl methacrylate	0.176	0.169	4.0	98	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	101	0.00
50 S	Toluene-d8	0.918	0.965	-5.1	107	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.187	-6.3	107	0.00
52 CM	Toluene	0.639	0.576	9.9#	87	0.00
53 T	t-1,3-Dichloropropene	0.431	0.458	-6.3	104	0.00
54 T	cis-1,3-Dichloropropene	0.469	0.443	5.5	91	0.00
55 T	1,1,2-Trichloroethane	0.219	0.217	0.9	102	0.00
56 T	Ethyl methacrylate	0.234	0.237	-1.3	98	0.00
57 T	1,3-Dichloropropane	0.336	0.337	-0.3	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.120	0.0	100	0.00
59 T	2-Hexanone	0.125	0.145	-16.0	112	0.00
60 T	Dibromochloromethane	0.409	0.418	-2.2	100	0.00
61 T	1,2-Dibromoethane	0.259	0.256	1.2	97	0.00
62 S	4-Bromofluorobenzene	0.417	0.460	-10.3	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.412	0.372	9.7	91	0.00
65 PM	Chlorobenzene	0.928	0.845	8.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.434	0.426	1.8	96	0.00
67 C	Ethyl Benzene	1.666	1.603	3.8#	97	0.00
68 T	m/p-Xylenes	0.580	0.537	7.4	89	0.00
69 T	o-Xylene	0.530	0.484	8.7	85	0.00
70 T	Styrene	0.932	0.851	8.7	88	0.00
71 P	Bromoform	0.297	0.313	-5.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.206	3.013	6.0	89	0.00
74 T	N-amyl acetate	0.779	0.885	-13.6	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.518	0.8	98	0.00
76 T	1,2,3-Trichloropropane	0.577	0.604	-4.7	98	0.00
77 T	Bromobenzene	0.862	0.821	4.8	86	0.00
78 T	n-propylbenzene	3.731	3.555	4.7	93	0.00
79 T	2-Chlorotoluene	2.132	1.946	8.7	86	0.00
80 T	1,3,5-Trimethylbenzene	2.693	2.745	-1.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.165	-9.3	102	0.00
82 T	4-Chlorotoluene	2.567	2.562	0.2	96	0.00
83 T	tert-Butylbenzene	3.002	3.118	-3.9	97	0.00
84 T	1,2,4-Trimethylbenzene	2.760	2.748	0.4	91	0.00
85 T	sec-Butylbenzene	3.262	2.904	11.0	86	0.00
86 T	p-Isopropyltoluene	2.984	3.045	-2.0	92	0.00
87 T	1,3-Dichlorobenzene	1.546	1.638	-6.0	99	0.00
88 T	1,4-Dichlorobenzene	1.553	1.424	8.3	86	0.00
89 T	n-Butylbenzene	2.793	2.713	2.9	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.814	-1.5	91	0.00
91 T	1,2-Dichlorobenzene	1.322	1.392	-5.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.124	-21.6#	110	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.095	-6.0	103	0.00
94 T	Hexachlorobutadiene	0.789	0.804	-1.9	96	0.00
95 T	Naphthalene	1.448	1.481	-2.3	93	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.862	-8.6	103	0.00

(#) = Out of Range

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