

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061319\
 Data File : VD062686.D
 Acq On : 13 Jun 2019 11:16
 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 14 06:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 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	109	0.02
2 T	Dichlorodifluoromethane	0.643	0.497	22.7#	100	0.01
3 P	Chloromethane	0.495	0.433	12.5	101	0.01
4 C	Vinyl Chloride	0.510	0.459	10.0#	104	0.00
5 T	Bromomethane	0.258	0.258	0.0	110	0.01
6 T	Chloroethane	0.252	0.233	7.5	100	0.01
7 T	Trichlorofluoromethane	1.142	1.006	11.9	98	0.01
8 T	Diethyl Ether	0.155	0.136	12.3	97	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.616	0.559	9.3	97	0.02
10 T	Methyl Iodide	0.789	0.721	8.6	99	0.02
11 T	Tert butyl alcohol	0.030	0.029	3.3	123	0.02
12 CM	1,1-Dichloroethene	0.442	0.420	5.0#	99	0.02
13 T	Acrolein	0.010	0.009	10.0	104	0.01
14 T	Allyl chloride	0.680	0.662	2.6	106	0.02
15 T	Acrylonitrile	0.067	0.065	3.0	107	0.01
16 T	Acetone	0.132	0.137	-3.8	105	0.01
17 T	Carbon Disulfide	1.302	1.184	9.1	101	0.02
18 T	Methyl Acetate	0.217	0.187	13.8	107	0.01
19 T	Methyl tert-butyl Ether	1.078	1.006	6.7	101	0.01
20 T	Methylene Chloride	0.548	0.411	25.0#	98	0.02
21 T	trans-1,2-Dichloroethene	0.485	0.445	8.2	107	0.02
22 T	Diisopropyl ether	1.411	1.338	5.2	105	0.02
23 T	Vinyl Acetate	0.875	0.885	-1.1	105	0.01
24 P	1,1-Dichloroethane	0.908	0.887	2.3	108	0.02
25 T	2-Butanone	0.129	0.123	4.7	100	0.02
26 T	2,2-Dichloropropane	1.046	1.024	2.1	111	0.02
27 T	cis-1,2-Dichloroethene	0.526	0.489	7.0	102	0.02
28 T	Bromochloromethane	0.347	0.369	-6.3	119	0.01
29	Tetrahydrofuran	0.058	0.055	5.2	102	0.02
30 C	Chloroform	1.165	1.132	2.8#	107	0.01
31 T	Cyclohexane	0.569	0.529	7.0	102	0.02
32 T	1,1,1-Trichloroethane	1.159	1.124	3.0	106	0.01
33 S	1,2-Dichloroethane-d4	0.721	0.710	1.5	114	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.01
35 S	Dibromofluoromethane	0.527	0.528	-0.2	118	0.02
36 T	1,1-Dichloropropene	0.572	0.567	0.9	110	0.01
37 T	Ethyl Acetate	0.253	0.215	15.0	101	0.02
38 T	Carbon Tetrachloride	0.904	0.872	3.5	101	0.02
39 T	Methylcyclohexane	0.462	0.433	6.3	99	0.02
40 TM	Benzene	1.118	1.081	3.3	105	0.02
41 T	Methacrylonitrile	0.300	0.295	1.7	106	0.02
42 TM	1,2-Dichloroethane	0.666	0.651	2.3	101	0.01
43 T	Isopropyl Acetate	0.302	0.308	-2.0	107	0.01
44 TM	Trichloroethene	0.454	0.448	1.3	105	0.01
45 C	1,2-Dichloropropane	0.268	0.259	3.4#	98	0.01

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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	0.238	0.240	-0.8	105	0.02
47 T	Bromodichloromethane	0.648	0.650	-0.3	110	0.02
48 T	Methyl methacrylate	0.218	0.212	2.8	104	0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.02
50 S	Toluene-d8	1.109	1.117	-0.7	118	0.01
51 T	4-Methyl-2-Pentanone	0.211	0.202	4.3	101	0.01
52 CM	Toluene	0.751	0.741	1.3#	101	0.01
53 T	t-1,3-Dichloropropene	0.531	0.537	-1.1	104	0.01
54 T	cis-1,3-Dichloropropene	0.549	0.577	-5.1	110	0.01
55 T	1,1,2-Trichloroethane	0.258	0.255	1.2	106	0.01
56 T	Ethyl methacrylate	0.275	0.272	1.1	100	0.01
57 T	1,3-Dichloropropane	0.399	0.417	-4.5	115	0.01
58 T	2-Chloroethyl Vinyl ether	0.138	0.130	5.8	117	0.02
59 T	2-Hexanone	0.157	0.167	-6.4	109	0.01
60 T	Dibromochloromethane	0.509	0.484	4.9	97	0.01
61 T	1,2-Dibromoethane	0.308	0.303	1.6	101	0.01
62 S	4-Bromofluorobenzene	0.518	0.537	-3.7	114	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.01
64 T	Tetrachloroethene	0.468	0.429	8.3	93	0.01
65 PM	Chlorobenzene	1.106	1.073	3.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.527	0.507	3.8	99	0.01
67 C	Ethyl Benzene	1.961	1.870	4.6#	101	0.01
68 T	m/p-Xylenes	0.689	0.668	3.0	102	0.01
69 T	o-Xylene	0.633	0.643	-1.6	107	0.00
70 T	Styrene	1.130	1.117	1.2	103	0.01
71 P	Bromoform	0.362	0.357	1.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.524	3.686	-4.6	111	0.00
74 T	N-amyl acetate	0.952	0.938	1.5	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.603	0.636	-5.5	99	0.00
76 T	1,2,3-Trichloropropane	0.678	0.727	-7.2	107	0.01
77 T	Bromobenzene	1.007	1.014	-0.7	97	0.00
78 T	n-propylbenzene	4.314	4.181	3.1	92	0.01
79 T	2-Chlorotoluene	2.526	2.429	3.8	89	0.01
80 T	1,3,5-Trimethylbenzene	3.115	3.215	-3.2	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.183	-2.8	97	0.00
82 T	4-Chlorotoluene	3.021	3.126	-3.5	106	0.00
83 T	tert-Butylbenzene	3.435	3.500	-1.9	92	0.00
84 T	1,2,4-Trimethylbenzene	3.084	3.097	-0.4	92	0.00
85 T	sec-Butylbenzene	3.602	3.284	8.8	87	0.00
86 T	p-Isopropyltoluene	3.507	3.404	2.9	89	0.01
87 T	1,3-Dichlorobenzene	1.825	1.820	0.3	94	0.00
88 T	1,4-Dichlorobenzene	1.725	1.686	2.3	98	0.00
89 T	n-Butylbenzene	3.155	3.152	0.1	93	0.01

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90 T	Hexachloroethane	0.926	0.885	4.4	93	0.00
91 T	1,2-Dichlorobenzene	1.517	1.486	2.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.138	-7.0	104	0.01
93 T	1,2,4-Trichlorobenzene	1.143	1.074	6.0	90	0.00
94 T	Hexachlorobutadiene	0.896	0.899	-0.3	98	0.01
95 T	Naphthalene	1.617	1.541	4.7	89	0.00
96 T	1,2,3-Trichlorobenzene	0.874	0.918	-5.0	97	0.00

(#) = Out of Range

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