

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050819\
 Data File : VD062164.D
 Acq On : 8 May 2019 10:18
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 09 01:42:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 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	100	0.00
2 T	Dichlorodifluoromethane	0.478	0.493	-3.1	102	0.00
3 P	Chloromethane	0.346	0.322	6.9	98	0.00
4 C	Vinyl Chloride	0.340	0.327	3.8#	92	0.00
5 T	Bromomethane	0.080	0.094	-17.5	111	0.00
6 T	Chloroethane	0.142	0.154	-8.5	99	0.00
7 T	Trichlorofluoromethane	0.660	0.695	-5.3	104	0.00
8 T	Diethyl Ether	0.127	0.114	10.2	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.476	4.6	92	0.00
10 T	Methyl Iodide	0.755	0.587	22.3#	76	0.00
11 T	Tert butyl alcohol	0.024	0.022	8.3	94	0.00
12 CM	1,1-Dichloroethene	0.381	0.372	2.4#	90	0.00
13 T	Acrolein	0.025	0.019	24.0#	82	0.00
14 T	Allyl chloride	0.554	0.546	1.4	94	0.00
15 T	Acrylonitrile	0.062	0.056	9.7	91	0.00
16 T	Acetone	0.097	0.113	-16.5	113	0.00
17 T	Carbon Disulfide	1.097	1.079	1.6	95	0.00
18 T	Methyl Acetate	0.191	0.160	16.2	95	0.00
19 T	Methyl tert-butyl Ether	0.817	0.797	2.4	97	0.00
20 T	Methylene Chloride	0.407	0.389	4.4	98	0.00
21 T	trans-1,2-Dichloroethene	0.424	0.423	0.2	94	0.00
22 T	Diisopropyl ether	1.180	1.263	-7.0	107	0.00
23 T	Vinyl Acetate	0.622	0.704	-13.2	109	0.00
24 P	1,1-Dichloroethane	0.712	0.700	1.7	101	-0.01
25 T	2-Butanone	0.106	0.128	-20.8#	126	0.00
26 T	2,2-Dichloropropane	0.709	0.782	-10.3	114	0.00
27 T	cis-1,2-Dichloroethene	0.475	0.506	-6.5	109	0.00
28 T	Bromochloromethane	0.280	0.310	-10.7	112	0.00
29	Tetrahydrofuran	0.049	0.051	-4.1	112	0.00
30 C	Chloroform	0.858	0.945	-10.1#	110	0.00
31 T	Cyclohexane	0.488	0.562	-15.2	112	0.00
32 T	1,1,1-Trichloroethane	0.811	0.904	-11.5	109	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.539	-15.9	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.415	0.458	-10.4	103	0.00
36 T	1,1-Dichloropropene	0.410	0.474	-15.6	116	0.00
37 T	Ethyl Acetate	0.174	0.183	-5.2	103	0.00
38 T	Carbon Tetrachloride	0.567	0.670	-18.2	115	0.00
39 T	Methylcyclohexane	0.393	0.466	-18.6	113	0.00
40 TM	Benzene	0.926	1.071	-15.7	115	0.00
41 T	Methacrylonitrile	0.212	0.232	-9.4	111	-0.01
42 TM	1,2-Dichloroethane	0.392	0.450	-14.8	114	0.00
43 T	Isopropyl Acetate	0.247	0.265	-7.3	107	0.00
44 TM	Trichloroethene	0.353	0.387	-9.6	106	0.00
45 C	1,2-Dichloropropane	0.229	0.271	-18.3#	118	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.207	-11.3	110	0.00
47 T	Bromodichloromethane	0.455	0.497	-9.2	108	0.00
48 T	Methyl methacrylate	0.152	0.164	-7.9	110	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	109	0.00
50 S	Toluene-d8	1.000	1.062	-6.2	97	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.173	-9.5	113	0.00
52 CM	Toluene	0.602	0.642	-6.6#	105	0.00
53 T	t-1,3-Dichloropropene	0.394	0.469	-19.0	116	0.00
54 T	cis-1,3-Dichloropropene	0.429	0.481	-12.1	106	0.00
55 T	1,1,2-Trichloroethane	0.213	0.221	-3.8	98	0.00
56 T	Ethyl methacrylate	0.221	0.252	-14.0	108	0.00
57 T	1,3-Dichloropropane	0.322	0.341	-5.9	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.121	0.138	-14.0	110	-0.01
59 T	2-Hexanone	0.117	0.140	-19.7	121	0.00
60 T	Dibromochloromethane	0.368	0.404	-9.8	107	0.00
61 T	1,2-Dibromoethane	0.259	0.270	-4.2	105	0.00
62 S	4-Bromofluorobenzene	0.402	0.450	-11.9	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.391	0.399	-2.0	108	0.00
65 PM	Chlorobenzene	0.931	0.949	-1.9	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.433	-6.9	109	0.00
67 C	Ethyl Benzene	1.559	1.646	-5.6#	109	0.00
68 T	m/p-Xylenes	0.567	0.569	-0.4	101	0.00
69 T	o-Xylene	0.527	0.594	-12.7	117	0.00
70 T	Styrene	0.893	0.974	-9.1	117	0.00
71 P	Bromoform	0.282	0.299	-6.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	2.997	3.242	-8.2	108	0.00
74 T	N-amyl acetate	0.786	0.835	-6.2	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.595	-4.9	111	0.00
76 T	1,2,3-Trichloropropane	0.594	0.621	-4.5	112	0.00
77 T	Bromobenzene	0.839	0.881	-5.0	113	0.00
78 T	n-propylbenzene	3.575	3.925	-9.8	116	0.00
79 T	2-Chlorotoluene	2.048	2.234	-9.1	112	0.00
80 T	1,3,5-Trimethylbenzene	2.524	2.812	-11.4	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.168	0.171	-1.8	99	0.00
82 T	4-Chlorotoluene	2.410	2.574	-6.8	109	0.00
83 T	tert-Butylbenzene	2.837	3.047	-7.4	107	0.00
84 T	1,2,4-Trimethylbenzene	2.533	2.807	-10.8	114	0.00
85 T	sec-Butylbenzene	3.110	3.017	3.0	99	0.00
86 T	p-Isopropyltoluene	2.779	2.737	1.5	94	0.00
87 T	1,3-Dichlorobenzene	1.533	1.595	-4.0	107	0.00
88 T	1,4-Dichlorobenzene	1.506	1.559	-3.5	110	0.00
89 T	n-Butylbenzene	2.494	2.624	-5.2	112	0.00

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90 T	Hexachloroethane	0.756	0.817	-8.1	108	0.00
91 T	1,2-Dichlorobenzene	1.262	1.250	1.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.096	-3.2	106	0.00
93 T	1,2,4-Trichlorobenzene	0.919	0.939	-2.2	110	0.00
94 T	Hexachlorobutadiene	0.683	0.701	-2.6	106	0.00
95 T	Naphthalene	1.283	1.240	3.4	97	0.00
96 T	1,2,3-Trichlorobenzene	0.578	0.592	-2.4	105	0.00

(#) = Out of Range

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