

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051719\
 Data File : VD062432.D
 Acq On : 17 May 2019 11:28
 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 18 01:15:25 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	79	0.03
2 T	Dichlorodifluoromethane	0.478	0.454	5.0	74	0.01
3 P	Chloromethane	0.346	0.271	21.7#	65	0.01
4 C	Vinyl Chloride	0.340	0.323	5.0#	72	0.02
5 T	Bromomethane	0.080	0.119	-48.7#	110	0.01
6 T	Chloroethane	0.142	0.160	-12.7	81	0.01
7 T	Trichlorofluoromethane	0.660	0.808	-22.4#	95	0.02
8 T	Diethyl Ether	0.127	0.100	21.3#	61	0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.500	-0.2	76	0.02
10 T	Methyl Iodide	0.755	0.658	12.8	68	0.02
11 T	Tert butyl alcohol	0.024	0.025	-4.2	86	0.05
12 CM	1,1-Dichloroethene	0.381	0.375	1.6#	71	0.01
13 T	Acrolein	0.025	0.021	16.0	69	0.02
14 T	Allyl chloride	0.554	0.538	2.9	73	0.03
15 T	Acrylonitrile	0.062	0.062	0.0	80	0.03
16 T	Acetone	0.097	0.110	-13.4	87	0.03
17 T	Carbon Disulfide	1.097	0.895	18.4	62	0.02
18 T	Methyl Acetate	0.191	0.176	7.9	82	0.03
19 T	Methyl tert-butyl Ether	0.817	0.854	-4.5	82	0.03
20 T	Methylene Chloride	0.407	0.375	7.9	75	0.03
21 T	trans-1,2-Dichloroethene	0.424	0.427	-0.7	75	0.03
22 T	Diisopropyl ether	1.180	1.225	-3.8	82	0.04
23 T	Vinyl Acetate	0.622	0.694	-11.6	85	0.05
24 P	1,1-Dichloroethane	0.712	0.713	-0.1	81	0.03
25 T	2-Butanone	0.106	0.120	-13.2	92	0.04
26 T	2,2-Dichloropropane	0.709	0.853	-20.3#	98	0.03
27 T	cis-1,2-Dichloroethene	0.475	0.482	-1.5	82	0.04
28 T	Bromochloromethane	0.280	0.342	-22.1#	98	0.04
29	Tetrahydrofuran	0.049	0.050	-2.0	86	0.05
30 C	Chloroform	0.858	0.940	-9.6#	87	0.04
31 T	Cyclohexane	0.488	0.476	2.5	75	0.03
32 T	1,1,1-Trichloroethane	0.811	0.926	-14.2	88	0.04
33 S	1,2-Dichloroethane-d4	0.465	0.423	9.0	70	0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.04
35 S	Dibromofluoromethane	0.415	0.377	9.2	66	0.04
36 T	1,1-Dichloropropene	0.410	0.453	-10.5	87	0.04
37 T	Ethyl Acetate	0.174	0.177	-1.7	78	0.03
38 T	Carbon Tetrachloride	0.567	0.698	-23.1#	94	0.03
39 T	Methylcyclohexane	0.393	0.392	0.3	75	0.02
40 TM	Benzene	0.926	0.882	4.8	74	0.03
41 T	Methacrylonitrile	0.212	0.238	-12.3	89	0.03
42 TM	1,2-Dichloroethane	0.392	0.461	-17.6	91	0.04
43 T	Isopropyl Acetate	0.247	0.257	-4.0	81	0.03
44 TM	Trichloroethene	0.353	0.392	-11.0	84	0.03
45 C	1,2-Dichloropropane	0.229	0.227	0.9#	77	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.199	-7.0	83	0.03
47 T	Bromodichloromethane	0.455	0.517	-13.6	88	0.03
48 T	Methyl methacrylate	0.152	0.167	-9.9	88	0.03
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.04
50 S	Toluene-d8	1.000	0.775	22.5#	56	0.02
51 T	4-Methyl-2-Pentanone	0.158	0.172	-8.9	87	0.03
52 CM	Toluene	0.602	0.563	6.5#	72	0.02
53 T	t-1,3-Dichloropropene	0.394	0.459	-16.5	89	0.02
54 T	cis-1,3-Dichloropropene	0.429	0.491	-14.5	85	0.03
55 T	1,1,2-Trichloroethane	0.213	0.227	-6.6	79	0.03
56 T	Ethyl methacrylate	0.221	0.242	-9.5	81	0.02
57 T	1,3-Dichloropropane	0.322	0.330	-2.5	75	0.03
58 T	2-Chloroethyl Vinyl ether	0.121	0.131	-8.3	82	0.02
59 T	2-Hexanone	0.117	0.133	-13.7	90	0.02
60 T	Dibromochloromethane	0.368	0.412	-12.0	85	0.03
61 T	1,2-Dibromoethane	0.259	0.272	-5.0	83	0.02
62 S	4-Bromofluorobenzene	0.402	0.357	11.2	64	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.02
64 T	Tetrachloroethene	0.391	0.412	-5.4	78	0.03
65 PM	Chlorobenzene	0.931	0.926	0.5	78	0.02
66 T	1,1,1,2-Tetrachloroethane	0.405	0.464	-14.6	82	0.02
67 C	Ethyl Benzene	1.559	1.649	-5.8#	77	0.02
68 T	m/p-Xylenes	0.567	0.614	-8.3	76	0.02
69 T	o-Xylene	0.527	0.580	-10.1	80	0.02
70 T	Styrene	0.893	0.932	-4.4	79	0.01
71 P	Bromoform	0.282	0.335	-18.8	86	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.01
73 T	Isopropylbenzene	2.997	3.416	-14.0	81	0.01
74 T	N-amyl acetate	0.786	0.836	-6.4	77	0.02
75 P	1,1,2,2-Tetrachloroethane	0.567	0.582	-2.6	77	0.01
76 T	1,2,3-Trichloropropane	0.594	0.646	-8.8	83	0.02
77 T	Bromobenzene	0.839	0.876	-4.4	80	0.01
78 T	n-propylbenzene	3.575	4.051	-13.3	85	0.02
79 T	2-Chlorotoluene	2.048	2.336	-14.1	83	0.01
80 T	1,3,5-Trimethylbenzene	2.524	2.810	-11.3	81	0.01
81 T	trans-1,4-Dichloro-2-butene	0.168	0.187	-11.3	77	0.01
82 T	4-Chlorotoluene	2.410	2.645	-9.8	80	0.01
83 T	tert-Butylbenzene	2.837	3.315	-16.8	83	0.02
84 T	1,2,4-Trimethylbenzene	2.533	2.780	-9.8	80	0.02
85 T	sec-Butylbenzene	3.110	3.211	-3.2	75	0.01
86 T	p-Isopropyltoluene	2.779	3.269	-17.6	80	0.01
87 T	1,3-Dichlorobenzene	1.533	1.567	-2.2	74	0.01
88 T	1,4-Dichlorobenzene	1.506	1.587	-5.4	79	0.01
89 T	n-Butylbenzene	2.494	3.088	-23.8#	93	0.02

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90 T	Hexachloroethane	0.756	0.847	-12.0	80	0.01
91 T	1,2-Dichlorobenzene	1.262	1.474	-16.8	90	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.103	-10.8	81	0.01
93 T	1,2,4-Trichlorobenzene	0.919	1.152	-25.4#	96	0.01
94 T	Hexachlorobutadiene	0.683	0.851	-24.6#	92	0.02
95 T	Naphthalene	1.283	1.643	-28.1#	92	0.01
96 T	1,2,3-Trichlorobenzene	0.578	0.877	-51.7#	111	0.01

(#) = Out of Range

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