

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052819\
 Data File : VD062535.D
 Acq On : 28 May 2019 12:34
 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: May 29 01:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 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	67	0.00
2 T	Dichlorodifluoromethane	0.556	0.476	14.4	68	0.00
3 P	Chloromethane	0.346	0.314	9.2	66	0.00
4 C	Vinyl Chloride	0.364	0.390	-7.1#	74	0.00
5 T	Bromomethane	0.157	0.235	-49.7#	103	0.00
6 T	Chloroethane	0.176	0.231	-31.3#	86	0.00
7 T	Trichlorofluoromethane	0.842	1.078	-28.0#	85	0.00
8 T	Diethyl Ether	0.114	0.140	-22.8#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.540	-7.8	72	0.00
10 T	Methyl Iodide	0.699	0.813	-16.3	72	0.00
11 T	Tert butyl alcohol	0.025	0.027	-8.0	74	-0.01
12 CM	1,1-Dichloroethene	0.370	0.392	-5.9#	70	0.00
13 T	Acrolein	0.021	0.021	0.0	72	0.00
14 T	Allyl chloride	0.546	0.552	-1.1	72	0.00
15 T	Acrylonitrile	0.057	0.057	0.0	73	-0.01
16 T	Acetone	0.096	0.116	-20.8#	77	0.00
17 T	Carbon Disulfide	1.121	1.059	5.5	64	0.00
18 T	Methyl Acetate	0.166	0.170	-2.4	73	0.00
19 T	Methyl tert-butyl Ether	0.855	0.968	-13.2	79	0.00
20 T	Methylene Chloride	0.515	0.407	21.0#	65	0.00
21 T	trans-1,2-Dichloroethene	0.433	0.408	5.8	65	0.00
22 T	Diisopropyl ether	1.162	1.178	-1.4	69	0.00
23 T	Vinyl Acetate	0.702	0.741	-5.6	69	0.00
24 P	1,1-Dichloroethane	0.748	0.756	-1.1	71	0.00
25 T	2-Butanone	0.100	0.105	-5.0	69	0.00
26 T	2,2-Dichloropropane	0.807	0.982	-21.7#	81	0.00
27 T	cis-1,2-Dichloroethene	0.467	0.469	-0.4	67	0.00
28 T	Bromochloromethane	0.269	0.260	3.3	65	0.00
29	Tetrahydrofuran	0.048	0.048	0.0	68	0.00
30 C	Chloroform	0.954	1.047	-9.7#	73	0.00
31 T	Cyclohexane	0.505	0.499	1.2	64	0.00
32 T	1,1,1-Trichloroethane	0.963	1.053	-9.3	70	-0.01
33 S	1,2-Dichloroethane-d4	0.535	0.628	-17.4	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	64	0.00
35 S	Dibromofluoromethane	0.451	0.468	-3.8	65	0.00
36 T	1,1-Dichloropropene	0.478	0.532	-11.3	74	-0.01
37 T	Ethyl Acetate	0.186	0.207	-11.3	73	0.00
38 T	Carbon Tetrachloride	0.710	0.854	-20.3#	78	0.00
39 T	Methylcyclohexane	0.394	0.419	-6.3	71	0.00
40 TM	Benzene	0.938	0.971	-3.5	67	0.00
41 T	Methacrylonitrile	0.233	0.252	-8.2	69	0.00
42 TM	1,2-Dichloroethane	0.497	0.552	-11.1	72	0.00
43 T	Isopropyl Acetate	0.246	0.268	-8.9	71	0.00
44 TM	Trichloroethene	0.375	0.392	-4.5	65	0.00
45 C	1,2-Dichloropropane	0.229	0.225	1.7#	65	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.207	0.229	-10.6	71	0.00
47 T	Bromodichloromethane	0.527	0.577	-9.5	68	0.00
48 T	Methyl methacrylate	0.166	0.184	-10.8	68	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	71	0.00
50 S	Toluene-d8	0.987	0.943	4.5	61	0.00
51 T	4-Methyl-2-Pentanone	0.163	0.182	-11.7	72	0.00
52 CM	Toluene	0.642	0.684	-6.5#	69	0.00
53 T	t-1,3-Dichloropropene	0.439	0.497	-13.2	73	0.00
54 T	cis-1,3-Dichloropropene	0.458	0.508	-10.9	68	0.00
55 T	1,1,2-Trichloroethane	0.218	0.232	-6.4	72	0.00
56 T	Ethyl methacrylate	0.233	0.247	-6.0	68	0.00
57 T	1,3-Dichloropropane	0.334	0.354	-6.0	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.118	0.8	69	0.00
59 T	2-Hexanone	0.118	0.140	-18.6	74	0.00
60 T	Dibromochloromethane	0.418	0.492	-17.7	74	0.00
61 T	1,2-Dibromoethane	0.268	0.278	-3.7	66	0.00
62 S	4-Bromofluorobenzene	0.432	0.447	-3.5	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	64	0.00
64 T	Tetrachloroethene	0.419	0.449	-7.2	68	0.00
65 PM	Chlorobenzene	0.962	0.941	2.2	66	0.00
66 T	1,1,1,2-Tetrachloroethane	0.444	0.514	-15.8	75	0.00
67 C	Ethyl Benzene	1.656	1.804	-8.9#	71	0.00
68 T	m/p-Xylenes	0.594	0.583	1.9	63	0.00
69 T	o-Xylene	0.561	0.558	0.5	65	0.00
70 T	Styrene	0.954	0.943	1.2	66	0.00
71 P	Bromoform	0.295	0.351	-19.0	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73 T	Isopropylbenzene	3.152	3.104	1.5	64	0.00
74 T	N-amyl acetate	0.778	0.861	-10.7	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.563	1.1	70	0.00
76 T	1,2,3-Trichloropropane	0.589	0.640	-8.7	75	0.00
77 T	Bromobenzene	0.894	0.895	-0.1	67	0.00
78 T	n-propylbenzene	3.651	4.009	-9.8	80	0.00
79 T	2-Chlorotoluene	2.215	2.396	-8.2	79	0.00
80 T	1,3,5-Trimethylbenzene	2.729	2.884	-5.7	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.179	-7.8	75	0.00
82 T	4-Chlorotoluene	2.551	2.656	-4.1	70	0.00
83 T	tert-Butylbenzene	3.027	3.203	-5.8	72	0.00
84 T	1,2,4-Trimethylbenzene	2.796	2.895	-3.5	71	0.00
85 T	sec-Butylbenzene	3.156	3.339	-5.8	73	0.00
86 T	p-Isopropyltoluene	2.860	3.018	-5.5	70	0.00
87 T	1,3-Dichlorobenzene	1.579	1.688	-6.9	70	0.00
88 T	1,4-Dichlorobenzene	1.524	1.596	-4.7	72	0.00
89 T	n-Butylbenzene	2.760	2.889	-4.7	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.790	0.915	-15.8	79	0.00
91 T	1,2-Dichlorobenzene	1.343	1.460	-8.7	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.122	-13.0	75	0.00
93 T	1,2,4-Trichlorobenzene	1.057	1.066	-0.9	66	0.00
94 T	Hexachlorobutadiene	0.781	0.844	-8.1	75	0.00
95 T	Naphthalene	1.444	1.534	-6.2	70	0.00
96 T	1,2,3-Trichlorobenzene	0.867	0.845	2.5	65	0.00

(#) = Out of Range

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