

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052419\
 Data File : VD062526.D
 Acq On : 24 May 2019 11:39
 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 24 22:25:51 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	56	-0.02
2 T	Dichlorodifluoromethane	0.556	0.521	6.3	62	0.00
3 P	Chloromethane	0.346	0.363	-4.9	64	0.00
4 C	Vinyl Chloride	0.364	0.399	-9.6#	64	-0.01
5 T	Bromomethane	0.157	0.208	-32.5#	77	-0.01
6 T	Chloroethane	0.176	0.222	-26.1#	69	-0.02
7 T	Trichlorofluoromethane	0.842	0.975	-15.8	65	-0.01
8 T	Diethyl Ether	0.114	0.121	-6.1	63	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.494	1.4	56	-0.01
10 T	Methyl Iodide	0.699	0.745	-6.6	56	-0.01
11 T	Tert butyl alcohol	0.025	0.024	4.0	56	-0.02
12 CM	1,1-Dichloroethene	0.370	0.366	1.1#	55	-0.02
13 T	Acrolein	0.021	0.022	-4.8	63	-0.02
14 T	Allyl chloride	0.546	0.525	3.8	58	-0.01
15 T	Acrylonitrile	0.057	0.052	8.8	55	-0.03
16 T	Acetone	0.096	0.103	-7.3	58	-0.02
17 T	Carbon Disulfide	1.121	1.017	9.3	51	-0.01
18 T	Methyl Acetate	0.166	0.153	7.8	56	-0.02
19 T	Methyl tert-butyl Ether	0.855	0.913	-6.8	63	-0.02
20 T	Methylene Chloride	0.515	0.389	24.5#	52	-0.02
21 T	trans-1,2-Dichloroethene	0.433	0.423	2.3	57	-0.02
22 T	Diisopropyl ether	1.162	1.132	2.6	56	-0.02
23 T	Vinyl Acetate	0.702	0.709	-1.0	56	-0.02
24 P	1,1-Dichloroethane	0.748	0.726	2.9	58	-0.02
25 T	2-Butanone	0.100	0.097	3.0	54	-0.02
26 T	2,2-Dichloropropane	0.807	0.934	-15.7	65	-0.02
27 T	cis-1,2-Dichloroethene	0.467	0.448	4.1	54	-0.03
28 T	Bromochloromethane	0.269	0.259	3.7	55	-0.02
29	Tetrahydrofuran	0.048	0.043	10.4	52	-0.03
30 C	Chloroform	0.954	0.993	-4.1#	58	-0.02
31 T	Cyclohexane	0.505	0.444	12.1	48#	-0.02
32 T	1,1,1-Trichloroethane	0.963	1.025	-6.4	57	-0.03
33 S	1,2-Dichloroethane-d4	0.535	0.642	-20.0	66	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	53	-0.02
35 S	Dibromofluoromethane	0.451	0.480	-6.4	55	-0.02
36 T	1,1-Dichloropropene	0.478	0.517	-8.2	60	-0.03
37 T	Ethyl Acetate	0.186	0.216	-16.1	62	-0.03
38 T	Carbon Tetrachloride	0.710	0.838	-18.0	64	-0.02
39 T	Methylcyclohexane	0.394	0.435	-10.4	61	-0.02
40 TM	Benzene	0.938	0.949	-1.2	54	-0.02
41 T	Methacrylonitrile	0.233	0.234	-0.4	53	-0.03
42 TM	1,2-Dichloroethane	0.497	0.570	-14.7	62	-0.02
43 T	Isopropyl Acetate	0.246	0.255	-3.7	56	-0.02
44 TM	Trichloroethene	0.375	0.411	-9.6	56	-0.02
45 C	1,2-Dichloropropane	0.229	0.231	-0.9#	55	-0.01

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.207	0.229	-10.6	59	-0.02
47 T	Bromodichloromethane	0.527	0.616	-16.9	60	-0.02
48 T	Methyl methacrylate	0.166	0.176	-6.0	53	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	48#	-0.01
50 S	Toluene-d8	0.987	1.057	-7.1	56	-0.02
51 T	4-Methyl-2-Pentanone	0.163	0.172	-5.5	56	-0.02
52 CM	Toluene	0.642	0.649	-1.1#	54	-0.02
53 T	t-1,3-Dichloropropene	0.439	0.519	-18.2	63	-0.02
54 T	cis-1,3-Dichloropropene	0.458	0.496	-8.3	55	-0.01
55 T	1,1,2-Trichloroethane	0.218	0.220	-0.9	56	-0.01
56 T	Ethyl methacrylate	0.233	0.239	-2.6	54	-0.01
57 T	1,3-Dichloropropane	0.334	0.343	-2.7	55	-0.01
58 T	2-Chloroethyl Vinyl ether	0.119	0.113	5.0	55	-0.02
59 T	2-Hexanone	0.118	0.133	-12.7	58	-0.02
60 T	Dibromochloromethane	0.418	0.492	-17.7	61	-0.01
61 T	1,2-Dibromoethane	0.268	0.290	-8.2	57	-0.01
62 S	4-Bromofluorobenzene	0.432	0.483	-11.8	58	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	54	-0.01
64 T	Tetrachloroethene	0.419	0.437	-4.3	56	-0.02
65 PM	Chlorobenzene	0.962	0.930	3.3	55	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.444	0.519	-16.9	64	-0.01
67 C	Ethyl Benzene	1.656	1.828	-10.4#	60	-0.01
68 T	m/p-Xylenes	0.594	0.617	-3.9	56	-0.01
69 T	o-Xylene	0.561	0.526	6.2	52	0.00
70 T	Styrene	0.954	0.950	0.4	56	-0.01
71 P	Bromoform	0.295	0.354	-20.0	66	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	62	-0.01
73 T	Isopropylbenzene	3.152	3.165	-0.4	59	0.00
74 T	N-amyl acetate	0.778	0.754	3.1	62	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.493	13.4	56	0.00
76 T	1,2,3-Trichloropropane	0.589	0.566	3.9	61	-0.01
77 T	Bromobenzene	0.894	0.867	3.0	60	0.00
78 T	n-propylbenzene	3.651	3.657	-0.2	67	-0.01
79 T	2-Chlorotoluene	2.215	2.026	8.5	61	-0.01
80 T	1,3,5-Trimethylbenzene	2.729	2.759	-1.1	62	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.166	0.152	8.4	59	0.00
82 T	4-Chlorotoluene	2.551	2.569	-0.7	62	-0.01
83 T	tert-Butylbenzene	3.027	2.846	6.0	59	0.00
84 T	1,2,4-Trimethylbenzene	2.796	2.528	9.6	57	-0.01
85 T	sec-Butylbenzene	3.156	3.181	-0.8	64	0.00
86 T	p-Isopropyltoluene	2.860	2.837	0.8	60	-0.01
87 T	1,3-Dichlorobenzene	1.579	1.505	4.7	57	0.00
88 T	1,4-Dichlorobenzene	1.524	1.597	-4.8	66	-0.01
89 T	n-Butylbenzene	2.760	2.826	-2.4	65	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.790	0.783	0.9	62	0.00
91 T	1,2-Dichlorobenzene	1.343	1.380	-2.8	68	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.102	5.6	57	-0.01
93 T	1,2,4-Trichlorobenzene	1.057	0.961	9.1	55	0.00
94 T	Hexachlorobutadiene	0.781	0.814	-4.2	66	-0.01
95 T	Naphthalene	1.444	1.408	2.5	59	-0.01
96 T	1,2,3-Trichlorobenzene	0.867	0.776	10.5	54	-0.01

(#) = Out of Range

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