

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD052119\  
 Data File : VD062474.D  
 Acq On : 21 May 2019 11:49  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: May 22 01:49:01 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	114	0.00
2 T	Dichlorodifluoromethane	0.556	0.488	12.2	118	0.00
3 P	Chloromethane	0.346	0.299	13.6	107	0.00
4 C	Vinyl Chloride	0.364	0.352	3.3#	114	0.00
5 T	Bromomethane	0.157	0.142	9.6	106	0.00
6 T	Chloroethane	0.176	0.184	-4.5	116	0.00
7 T	Trichlorofluoromethane	0.842	0.839	0.4	113	0.00
8 T	Diethyl Ether	0.114	0.117	-2.6	124	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.500	0.2	114	0.00
10 T	Methyl Iodide	0.699	0.773	-10.6	117	0.00
11 T	Tert butyl alcohol	0.025	0.026	-4.0	123	-0.02
12 CM	1,1-Dichloroethene	0.370	0.383	-3.5#	117	0.00
13 T	Acrolein	0.021	0.022	-4.8	132	0.00
14 T	Allyl chloride	0.546	0.567	-3.8	126	0.00
15 T	Acrylonitrile	0.057	0.063	-10.5	136	-0.02
16 T	Acetone	0.096	0.115	-19.8	130	0.00
17 T	Carbon Disulfide	1.121	1.153	-2.9	118	0.00
18 T	Methyl Acetate	0.166	0.176	-6.0	129	0.00
19 T	Methyl tert-butyl Ether	0.855	0.936	-9.5	130	0.00
20 T	Methylene Chloride	0.515	0.416	19.2	113	0.00
21 T	trans-1,2-Dichloroethene	0.433	0.466	-7.6	127	0.00
22 T	Diisopropyl ether	1.162	1.274	-9.6	127	-0.02
23 T	Vinyl Acetate	0.702	0.766	-9.1	122	-0.02
24 P	1,1-Dichloroethane	0.748	0.808	-8.0	130	0.00
25 T	2-Butanone	0.100	0.119	-19.0	133	0.00
26 T	2,2-Dichloropropane	0.807	0.871	-7.9	122	0.00
27 T	cis-1,2-Dichloroethene	0.467	0.513	-9.9	126	-0.02
28 T	Bromochloromethane	0.269	0.278	-3.3	119	0.00
29	Tetrahydrofuran	0.048	0.055	-14.6	134	-0.02
30 C	Chloroform	0.954	0.991	-3.9#	118	0.00
31 T	Cyclohexane	0.505	0.510	-1.0	112	-0.02
32 T	1,1,1-Trichloroethane	0.963	1.004	-4.3	114	-0.02
33 S	1,2-Dichloroethane-d4	0.535	0.546	-2.1	114	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35 S	Dibromofluoromethane	0.451	0.456	-1.1	115	-0.02
36 T	1,1-Dichloropropene	0.478	0.455	4.8	116	-0.02
37 T	Ethyl Acetate	0.186	0.188	-1.1	120	-0.02
38 T	Carbon Tetrachloride	0.710	0.697	1.8	117	-0.02
39 T	Methylcyclohexane	0.394	0.402	-2.0	124	0.00
40 TM	Benzene	0.938	0.902	3.8	113	-0.02
41 T	Methacrylonitrile	0.233	0.247	-6.0	123	-0.02
42 TM	1,2-Dichloroethane	0.497	0.487	2.0	116	0.00
43 T	Isopropyl Acetate	0.246	0.256	-4.1	123	0.00
44 TM	Trichloroethene	0.375	0.375	0.0	113	0.00
45 C	1,2-Dichloropropane	0.229	0.237	-3.5#	125	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.207	0.210	-1.4	119	0.00
47 T	Bromodichloromethane	0.527	0.541	-2.7	117	-0.02
48 T	Methyl methacrylate	0.166	0.168	-1.2	113	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	119	-0.02
50 S	Toluene-d8	0.987	1.017	-3.0	119	0.00
51 T	4-Methyl-2-Pentanone	0.163	0.174	-6.7	125	-0.02
52 CM	Toluene	0.642	0.612	4.7#	112	0.00
53 T	t-1,3-Dichloropropene	0.439	0.447	-1.8	120	0.00
54 T	cis-1,3-Dichloropropene	0.458	0.472	-3.1	115	0.00
55 T	1,1,2-Trichloroethane	0.218	0.224	-2.8	127	0.00
56 T	Ethyl methacrylate	0.233	0.242	-3.9	122	0.00
57 T	1,3-Dichloropropane	0.334	0.348	-4.2	124	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.121	-1.7	130	-0.02
59 T	2-Hexanone	0.118	0.130	-10.2	125	0.00
60 T	Dibromochloromethane	0.418	0.425	-1.7	117	0.00
61 T	1,2-Dibromoethane	0.268	0.281	-4.9	121	0.00
62 S	4-Bromofluorobenzene	0.432	0.436	-0.9	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
64 T	Tetrachloroethene	0.419	0.411	1.9	111	0.00
65 PM	Chlorobenzene	0.962	0.917	4.7	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.444	0.434	2.3	114	0.00
67 C	Ethyl Benzene	1.656	1.681	-1.5#	118	0.00
68 T	m/p-Xylenes	0.594	0.558	6.1	108	0.00
69 T	o-Xylene	0.561	0.545	2.9	114	0.00
70 T	Styrene	0.954	0.945	0.9	118	0.00
71 P	Bromoform	0.295	0.307	-4.1	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.152	3.299	-4.7	108	0.00
74 T	N-amyl acetate	0.778	0.923	-18.6	131	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.641	-12.7	127	0.00
76 T	1,2,3-Trichloropropane	0.589	0.644	-9.3	120	0.00
77 T	Bromobenzene	0.894	0.999	-11.7	120	0.00
78 T	n-propylbenzene	3.651	4.182	-14.5	132	0.00
79 T	2-Chlorotoluene	2.215	2.467	-11.4	129	0.00
80 T	1,3,5-Trimethylbenzene	2.729	2.954	-8.2	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.194	-16.9	130	0.00
82 T	4-Chlorotoluene	2.551	2.819	-10.5	119	0.00
83 T	tert-Butylbenzene	3.027	3.197	-5.6	115	0.00
84 T	1,2,4-Trimethylbenzene	2.796	2.972	-6.3	116	0.00
85 T	sec-Butylbenzene	3.156	3.440	-9.0	120	0.00
86 T	p-Isopropyltoluene	2.860	2.872	-0.4	106	0.00
87 T	1,3-Dichlorobenzene	1.579	1.675	-6.1	110	0.00
88 T	1,4-Dichlorobenzene	1.524	1.631	-7.0	117	0.00
89 T	n-Butylbenzene	2.760	2.903	-5.2	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.790	0.885	-12.0	122	0.00
91 T	1,2-Dichlorobenzene	1.343	1.385	-3.1	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.119	-10.2	116	0.00
93 T	1,2,4-Trichlorobenzene	1.057	1.132	-7.1	112	0.00
94 T	Hexachlorobutadiene	0.781	0.883	-13.1	125	0.00
95 T	Naphthalene	1.444	1.653	-14.5	120	0.00
96 T	1,2,3-Trichlorobenzene	0.867	0.889	-2.5	108	0.00

(#) = Out of Range

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