

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121018\
 Data File : VD060515.D
 Acq On : 10 Dec 2018 10:17
 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: Dec 11 06:53:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 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	108	0.00
2 T	Dichlorodifluoromethane	0.579	0.466	19.5	103	0.01
3 P	Chloromethane	0.514	0.463	9.9	108	0.01
4 C	Vinyl Chloride	0.410	0.399	2.7#	111	0.01
5 T	Bromomethane	0.103	0.100	2.9	92	0.00
6 T	Chloroethane	0.127	0.119	6.3	96	0.00
7 T	Trichlorofluoromethane	0.473	0.438	7.4	97	0.01
8 T	Diethyl Ether	0.082	0.076	7.3	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.307	0.286	6.8	103	0.01
10 T	Methyl Iodide	0.359	0.333	7.2	97	0.00
11 T	Tert butyl alcohol	0.014	0.015	-7.1	104	0.00
12 CM	1,1-Dichloroethene	0.250	0.232	7.2#	102	0.01
13 T	Acrolein	0.016	0.022	-37.5#	157#	0.01
14 T	Allyl chloride	0.474	0.440	7.2	99	0.01
15 T	Acrylonitrile	0.082	0.081	1.2	102	0.00
16 T	Acetone	0.057	0.064	-12.3	116	0.00
17 T	Carbon Disulfide	0.812	0.754	7.1	102	0.00
18 T	Methyl Acetate	0.135	0.118	12.6	96	0.00
19 T	Methyl tert-butyl Ether	0.693	0.707	-2.0	104	0.00
20 T	Methylene Chloride	0.620	0.510	17.7	101	0.00
21 T	trans-1,2-Dichloroethene	0.544	0.549	-0.9	105	0.00
22 T	Diisopropyl ether	1.702	1.657	2.6	101	0.00
23 T	Vinyl Acetate	0.843	0.828	1.8	99	0.00
24 P	1,1-Dichloroethane	0.884	0.882	0.2	104	0.00
25 T	2-Butanone	0.112	0.120	-7.1	108	0.00
26 T	2,2-Dichloropropane	0.683	0.697	-2.0	109	0.00
27 T	cis-1,2-Dichloroethene	0.553	0.552	0.2	104	0.00
28 T	Bromochloromethane	0.392	0.381	2.8	105	0.00
29	Tetrahydrofuran	0.063	0.059	6.3	95	0.00
30 C	Chloroform	0.891	0.870	2.4#	102	0.00
31 T	Cyclohexane	0.855	0.793	7.3	106	0.00
32 T	1,1,1-Trichloroethane	0.732	0.749	-2.3	105	0.00
33 S	1,2-Dichloroethane-d4	0.354	0.358	-1.1	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.367	0.373	-1.6	108	0.00
36 T	1,1-Dichloropropene	0.489	0.472	3.5	104	0.00
37 T	Ethyl Acetate	0.212	0.213	-0.5	100	0.00
38 T	Carbon Tetrachloride	0.439	0.438	0.2	106	0.00
39 T	Methylcyclohexane	0.557	0.534	4.1	103	0.00
40 TM	Benzene	1.249	1.203	3.7	102	0.00
41 T	Methacrylonitrile	0.114	0.103	9.6	102	0.00
42 TM	1,2-Dichloroethane	0.318	0.306	3.8	102	0.00
43 T	Isopropyl Acetate	0.262	0.260	0.8	101	0.00
44 TM	Trichloroethene	0.373	0.374	-0.3	103	0.00
45 C	1,2-Dichloropropane	0.309	0.300	2.9#	101	0.00

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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)
46 T	Dibromomethane	0.178	0.176	1.1	100	0.00
47 T	Bromodichloromethane	0.424	0.426	-0.5	104	0.00
48 T	Methyl methacrylate	0.155	0.159	-2.6	101	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	104	0.00
50 S	Toluene-d8	1.063	1.109	-4.3	108	0.00
51 T	4-Methyl-2-Pentanone	0.163	0.164	-0.6	101	0.00
52 CM	Toluene	0.781	0.759	2.8#	102	0.00
53 T	t-1,3-Dichloropropene	0.348	0.350	-0.6	103	0.00
54 T	cis-1,3-Dichloropropene	0.457	0.459	-0.4	103	0.00
55 T	1,1,2-Trichloroethane	0.217	0.206	5.1	101	0.00
56 T	Ethyl methacrylate	0.197	0.205	-4.1	101	0.00
57 T	1,3-Dichloropropane	0.336	0.326	3.0	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.118	0.126	-6.8	113	0.00
59 T	2-Hexanone	0.114	0.128	-12.3	109	0.00
60 T	Dibromochloromethane	0.272	0.272	0.0	100	0.00
61 T	1,2-Dibromoethane	0.222	0.219	1.4	100	0.00
62 S	4-Bromofluorobenzene	0.380	0.382	-0.5	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.443	0.437	1.4	105	0.00
65 PM	Chlorobenzene	1.058	1.027	2.9	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.327	4.1	102	0.00
67 C	Ethyl Benzene	1.804	1.671	7.4#	101	0.00
68 T	m/p-Xylenes	0.667	0.640	4.0	103	0.00
69 T	o-Xylene	0.636	0.622	2.2	103	0.00
70 T	Styrene	1.021	1.008	1.3	103	0.00
71 P	Bromoform	0.227	0.230	-1.3	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.538	3.528	0.3	103	0.00
74 T	N-amyl acetate	0.855	0.877	-2.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.566	0.560	1.1	102	0.00
76 T	1,2,3-Trichloropropane	0.567	0.565	0.4	100	0.00
77 T	Bromobenzene	0.930	0.927	0.3	102	0.00
78 T	n-propylbenzene	4.473	4.415	1.3	104	0.00
79 T	2-Chlorotoluene	2.427	2.397	1.2	103	0.00
80 T	1,3,5-Trimethylbenzene	2.704	2.658	1.7	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.158	0.166	-5.1	100	0.00
82 T	4-Chlorotoluene	2.726	2.591	5.0	101	0.00
83 T	tert-Butylbenzene	3.031	3.067	-1.2	102	0.00
84 T	1,2,4-Trimethylbenzene	2.799	2.815	-0.6	104	0.00
85 T	sec-Butylbenzene	3.778	3.625	4.0	102	0.00
86 T	p-Isopropyltoluene	2.995	2.951	1.5	103	0.00
87 T	1,3-Dichlorobenzene	1.684	1.645	2.3	100	0.00
88 T	1,4-Dichlorobenzene	1.652	1.599	3.2	101	0.00
89 T	n-Butylbenzene	3.078	2.985	3.0	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.751	0.770	-2.5	104	0.00
91 T	1,2-Dichlorobenzene	1.376	1.318	4.2	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.069	0.070	-1.4	103	0.00
93 T	1,2,4-Trichlorobenzene	1.076	1.089	-1.2	103	0.00
94 T	Hexachlorobutadiene	0.794	0.784	1.3	101	0.00
95 T	Naphthalene	1.280	1.324	-3.4	98	0.00
96 T	1,2,3-Trichlorobenzene	0.857	0.867	-1.2	104	0.00

(#) = Out of Range

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