

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD112219\
 Data File : VD064350.D
 Acq On : 22 Nov 2019 17:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 23 01:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 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	54	0.00
2 T	Dichlorodifluoromethane	0.415	0.308	25.8#	39#	0.00
3 P	Chloromethane	0.445	0.415	6.7	49#	0.00
4 C	Vinyl Chloride	0.476	0.513	-7.8#	55	0.00
5 T	Bromomethane	0.300	0.372	-24.0#	63	0.00
6 T	Chloroethane	0.304	0.374	-23.0#	63	0.00
7 T	Trichlorofluoromethane	0.771	0.934	-21.1#	62	0.00
8 T	Diethyl Ether	0.212	0.219	-3.3	54	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.427	3.2	51	0.00
10 T	Methyl Iodide	0.440	0.473	-7.5	47#	0.00
11 T	Tert butyl alcohol	0.029	0.028	3.4	50#	0.01
12 CM	1,1-Dichloroethene	0.420	0.402	4.3#	49#	0.00
13 T	Acrolein	0.024	0.028	-16.7	52	0.00
14 T	Allyl chloride	0.743	0.670	9.8	46#	0.00
15 T	Acrylonitrile	0.090	0.097	-7.8	56	0.00
16 T	Acetone	0.097	0.083	14.4	42#	0.00
17 T	Carbon Disulfide	1.308	1.124	14.1	44#	0.00
18 T	Methyl Acetate	0.272	0.281	-3.3	56	0.00
19 T	Methyl tert-butyl Ether	1.003	1.033	-3.0	53	0.00
20 T	Methylene Chloride	0.492	0.477	3.0	54	0.00
21 T	trans-1,2-Dichloroethene	0.476	0.469	1.5	51	0.00
22 T	Diisopropyl ether	1.378	1.394	-1.2	52	0.00
23 T	Vinyl Acetate	0.768	0.806	-4.9	52	0.00
24 P	1,1-Dichloroethane	0.800	0.804	-0.5	51	0.00
25 T	2-Butanone	0.126	0.125	0.8	51	0.00
26 T	2,2-Dichloropropane	0.785	0.722	8.0	48#	0.00
27 T	cis-1,2-Dichloroethene	0.510	0.539	-5.7	55	0.00
28 T	Bromochloromethane	0.279	0.325	-16.5	57	0.00
29 T	Tetrahydrofuran	0.076	0.079	-3.9	54	0.00
30 C	Chloroform	0.819	0.869	-6.1#	55	0.00
31 T	Cyclohexane	0.807	0.695	13.9	47#	0.00
32 T	1,1,1-Trichloroethane	0.784	0.768	2.0	51	0.00
33 S	1,2-Dichloroethane-d4	0.411	0.398	3.2	47#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	55	0.00
35 S	Dibromofluoromethane	0.287	0.281	2.1	49#	0.00
36 T	1,1-Dichloropropene	0.461	0.434	5.9	49#	0.00
37 T	Ethyl Acetate	0.195	0.192	1.5	53	0.00
38 T	Carbon Tetrachloride	0.494	0.480	2.8	51	0.00
39 T	Methylcyclohexane	0.584	0.525	10.1	48#	0.00
40 TM	Benzene	1.261	1.260	0.1	52	0.00
41 T	Methacrylonitrile	0.122	0.131	-7.4	54	0.00
42 TM	1,2-Dichloroethane	0.379	0.381	-0.5	53	0.00
43 T	Isopropyl Acetate	0.401	0.388	3.2	51	0.00
44 TM	Trichloroethene	0.379	0.375	1.1	52	0.00
45 C	1,2-Dichloropropane	0.307	0.309	-0.7#	53	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.164	0.176	-7.3	57	0.00
47 T	Bromodichloromethane	0.443	0.460	-3.8	55	0.00
48 T	Methyl methacrylate	0.196	0.186	5.1	51	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	59	0.00
50 S	Toluene-d8	1.083	1.026	5.3	47#	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.195	-1.6	54	0.00
52 CM	Toluene	0.829	0.819	1.2#	52	0.00
53 T	t-1,3-Dichloropropene	0.443	0.441	0.5	52	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.521	-0.8	53	0.00
55 T	1,1,2-Trichloroethane	0.223	0.240	-7.6	57	0.00
56 T	Ethyl methacrylate	0.312	0.314	-0.6	53	0.00
57 T	1,3-Dichloropropane	0.389	0.415	-6.7	57	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.128	-1.6	54	0.00
59 T	2-Hexanone	0.137	0.131	4.4	50	0.00
60 T	Dibromochloromethane	0.311	0.331	-6.4	57	0.00
61 T	1,2-Dibromoethane	0.223	0.239	-7.2	57	0.00
62 S	4-Bromofluorobenzene	0.375	0.340	9.3	46#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.385	0.363	5.7	51	0.00
65 PM	Chlorobenzene	1.017	1.023	-0.6	55	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.402	-3.9	56	0.00
67 C	Ethyl Benzene	1.839	1.814	1.4#	53	0.00
68 T	m/p-Xylenes	0.705	0.700	0.7	53	0.00
69 T	o-Xylene	0.654	0.646	1.2	53	0.00
70 T	Styrene	1.141	1.138	0.3	54	0.00
71 P	Bromoform	0.220	0.232	-5.5	57	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	59	0.00
73 T	Isopropylbenzene	3.670	3.424	6.7	53	0.00
74 T	N-amyl acetate	0.867	0.789	9.0	52	0.00
75 P	1,1,2,2-Tetrachloroethane	0.553	0.579	-4.7	60	0.00
76 T	1,2,3-Trichloropropane	0.403	0.444	-10.2	62	0.00
77 T	Bromobenzene	0.892	0.882	1.1	56	0.00
78 T	n-propylbenzene	4.193	3.941	6.0	53	0.00
79 T	2-Chlorotoluene	2.367	2.182	7.8	52	0.00
80 T	1,3,5-Trimethylbenzene	3.016	2.832	6.1	53	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.186	8.4	52	0.00
82 T	4-Chlorotoluene	2.469	2.306	6.6	53	0.00
83 T	tert-Butylbenzene	2.659	2.466	7.3	52	0.00
84 T	1,2,4-Trimethylbenzene	2.977	2.865	3.8	54	0.00
85 T	sec-Butylbenzene	3.571	3.335	6.6	52	0.00
86 T	p-Isopropyltoluene	3.395	3.169	6.7	53	0.00
87 T	1,3-Dichlorobenzene	1.655	1.645	0.6	57	0.00
88 T	1,4-Dichlorobenzene	1.615	1.599	1.0	55	0.00
89 T	n-Butylbenzene	3.068	2.884	6.0	53	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.592	5.6	54	0.00
91 T	1,2-Dichlorobenzene	1.401	1.406	-0.4	57	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.090	9.1	54	0.00
93 T	1,2,4-Trichlorobenzene	1.081	1.090	-0.8	56	0.00
94 T	Hexachlorobutadiene	0.698	0.664	4.9	53	0.00
95 T	Naphthalene	1.771	1.810	-2.2	58	0.00
96 T	1,2,3-Trichlorobenzene	0.919	0.944	-2.7	58	0.00

(#) = Out of Range

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