

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111819\
 Data File : VD064278.D
 Acq On : 18 Nov 2019 21:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 19 06:21:10 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	58	0.00
2 T	Dichlorodifluoromethane	0.415	0.391	5.8	53	0.00
3 P	Chloromethane	0.445	0.489	-9.9	63	0.00
4 C	Vinyl Chloride	0.476	0.568	-19.3#	66	0.00
5 T	Bromomethane	0.300	0.411	-37.0#	75	0.00
6 T	Chloroethane	0.304	0.404	-32.9#	73	0.00
7 T	Trichlorofluoromethane	0.771	0.977	-26.7#	70	0.00
8 T	Diethyl Ether	0.212	0.251	-18.4	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.438	0.7	57	0.00
10 T	Methyl Iodide	0.440	0.524	-19.1	56	0.00
11 T	Tert butyl alcohol	0.029	0.033	-13.8	63	0.01
12 CM	1,1-Dichloroethene	0.420	0.435	-3.6#	58	0.00
13 T	Acrolein	0.024	0.030	-25.0#	59	0.00
14 T	Allyl chloride	0.743	0.741	0.3	55	0.00
15 T	Acrylonitrile	0.090	0.109	-21.1#	68	0.00
16 T	Acetone	0.097	0.080	17.5	44#	0.00
17 T	Carbon Disulfide	1.308	1.295	1.0	54	0.00
18 T	Methyl Acetate	0.272	0.315	-15.8	68	0.00
19 T	Methyl tert-butyl Ether	1.003	1.168	-16.5	65	0.00
20 T	Methylene Chloride	0.492	0.514	-4.5	63	0.00
21 T	trans-1,2-Dichloroethene	0.476	0.513	-7.8	60	0.00
22 T	Diisopropyl ether	1.378	1.520	-10.3	62	0.00
23 T	Vinyl Acetate	0.768	0.893	-16.3	62	0.00
24 P	1,1-Dichloroethane	0.800	0.876	-9.5	60	0.00
25 T	2-Butanone	0.126	0.136	-7.9	60	0.00
26 T	2,2-Dichloropropane	0.785	0.730	7.0	52	0.00
27 T	cis-1,2-Dichloroethene	0.510	0.576	-12.9	63	0.00
28 T	Bromochloromethane	0.279	0.367	-31.5#	70	0.00
29 T	Tetrahydrofuran	0.076	0.090	-18.4	66	0.00
30 C	Chloroform	0.819	0.948	-15.8#	64	0.00
31 T	Cyclohexane	0.807	0.738	8.6	54	0.00
32 T	1,1,1-Trichloroethane	0.784	0.812	-3.6	58	0.00
33 S	1,2-Dichloroethane-d4	0.411	0.470	-14.4	60	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.287	0.318	-10.8	62	0.00
36 T	1,1-Dichloropropene	0.461	0.453	1.7	57	0.00
37 T	Ethyl Acetate	0.195	0.212	-8.7	65	0.00
38 T	Carbon Tetrachloride	0.494	0.494	0.0	58	0.00
39 T	Methylcyclohexane	0.584	0.548	6.2	56	0.00
40 TM	Benzene	1.261	1.316	-4.4	61	0.00
41 T	Methacrylonitrile	0.122	0.121	0.8	55	0.00
42 TM	1,2-Dichloroethane	0.379	0.404	-6.6	63	0.00
43 T	Isopropyl Acetate	0.401	0.424	-5.7	62	0.00
44 TM	Trichloroethene	0.379	0.398	-5.0	61	0.00
45 C	1,2-Dichloropropane	0.307	0.329	-7.2#	63	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.164	0.188	-14.6	67	0.00
47 T	Bromodichloromethane	0.443	0.491	-10.8	65	0.00
48 T	Methyl methacrylate	0.196	0.195	0.5	60	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	72	0.00
50 S	Toluene-d8	1.083	1.144	-5.6	58	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.211	-9.9	65	0.00
52 CM	Toluene	0.829	0.875	-5.5#	62	0.00
53 T	t-1,3-Dichloropropene	0.443	0.463	-4.5	61	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.547	-5.8	62	0.00
55 T	1,1,2-Trichloroethane	0.223	0.257	-15.2	68	0.00
56 T	Ethyl methacrylate	0.312	0.345	-10.6	65	0.00
57 T	1,3-Dichloropropane	0.389	0.440	-13.1	67	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.140	-11.1	65	0.00
59 T	2-Hexanone	0.137	0.143	-4.4	61	0.00
60 T	Dibromochloromethane	0.311	0.354	-13.8	67	0.00
61 T	1,2-Dibromoethane	0.223	0.260	-16.6	68	0.00
62 S	4-Bromofluorobenzene	0.375	0.387	-3.2	59	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.385	0.379	1.6	59	0.00
65 PM	Chlorobenzene	1.017	1.070	-5.2	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.417	-7.8	65	0.00
67 C	Ethyl Benzene	1.839	1.894	-3.0#	62	0.00
68 T	m/p-Xylenes	0.705	0.724	-2.7	61	0.00
69 T	o-Xylene	0.654	0.678	-3.7	62	0.00
70 T	Styrene	1.141	1.192	-4.5	63	0.00
71 P	Bromoform	0.220	0.256	-16.4	70	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.670	3.663	0.2	61	0.00
74 T	N-amyl acetate	0.867	0.874	-0.8	63	0.00
75 P	1,1,2,2-Tetrachloroethane	0.553	0.618	-11.8	70	0.00
76 T	1,2,3-Trichloropropane	0.403	0.413	-2.5	63	0.00
77 T	Bromobenzene	0.892	0.956	-7.2	66	0.00
78 T	n-propylbenzene	4.193	4.181	0.3	61	0.00
79 T	2-Chlorotoluene	2.367	2.340	1.1	61	0.00
80 T	1,3,5-Trimethylbenzene	3.016	3.017	-0.0	62	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.202	0.5	61	0.00
82 T	4-Chlorotoluene	2.469	2.460	0.4	62	0.00
83 T	tert-Butylbenzene	2.659	2.604	2.1	60	0.00
84 T	1,2,4-Trimethylbenzene	2.977	3.022	-1.5	62	0.00
85 T	sec-Butylbenzene	3.571	3.512	1.7	60	0.00
86 T	p-Isopropyltoluene	3.395	3.316	2.3	60	0.00
87 T	1,3-Dichlorobenzene	1.655	1.748	-5.6	66	0.00
88 T	1,4-Dichlorobenzene	1.615	1.708	-5.8	64	0.00
89 T	n-Butylbenzene	3.068	2.960	3.5	59	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.640	-2.1	63	0.00
91 T	1,2-Dichlorobenzene	1.401	1.515	-8.1	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.101	-2.0	65	0.00
93 T	1,2,4-Trichlorobenzene	1.081	1.155	-6.8	65	0.00
94 T	Hexachlorobutadiene	0.698	0.704	-0.9	61	0.00
95 T	Naphthalene	1.771	1.971	-11.3	68	0.00
96 T	1,2,3-Trichlorobenzene	0.919	1.002	-9.0	67	0.00

(#) = Out of Range

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