

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092519\
 Data File : VD063832.D
 Acq On : 25 Sep 2019 19:43
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00µ/5.00mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD092519

Quant Time: Sep 26 12:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 12:03:05 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	102	0.00
2 T	Dichlorodifluoromethane	0.343	0.413	-20.4#	151#	0.00
3 P	Chloromethane	1.039	0.858	17.4	96	0.00
4 C	Vinyl Chloride	1.061	0.957	9.8#	99	0.00
5 T	Bromomethane	0.620	0.609	1.8	104	0.00
6 T	Chloroethane	0.730	0.608	16.7	96	0.00
7 T	Trichlorofluoromethane	1.426	1.306	8.4	99	0.00
8 T	Diethyl Ether	0.232	0.216	6.9	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.423	0.426	-0.7	110	0.00
10 T	Methyl Iodide	0.505	0.587	-16.2	115	0.00
11 T	Tert butyl alcohol	0.037	0.032	13.5	107	0.00
12 CM	1,1-Dichloroethene	0.427	0.414	3.0#	108	-0.01
13 T	Acrolein	0.045	0.045	0.0	105	0.00
14 T	Allyl chloride	0.675	0.641	5.0	105	0.00
15 T	Acrylonitrile	0.103	0.102	1.0	107	0.00
16 T	Acetone	0.106	0.095	10.4	98	0.00
17 T	Carbon Disulfide	1.443	1.434	0.6	106	0.00
18 T	Methyl Acetate	0.260	0.229	11.9	103	0.00
19 T	Methyl tert-butyl Ether	1.069	1.064	0.5	107	0.00
20 T	Methylene Chloride	0.636	0.535	15.9	106	0.00
21 T	trans-1,2-Dichloroethene	0.497	0.510	-2.6	110	0.00
22 T	Diisopropyl ether	1.394	1.330	4.6	100	0.00
23 T	Vinyl Acetate	0.824	0.805	2.3	104	0.00
24 P	1,1-Dichloroethane	0.847	0.841	0.7	104	0.00
25 T	2-Butanone	0.138	0.128	7.2	102	0.00
26 T	2,2-Dichloropropane	0.792	0.745	5.9	99	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.564	-1.1	104	0.00
28 T	Bromochloromethane	0.332	0.330	0.6	94	0.00
29 T	Tetrahydrofuran	0.083	0.078	6.0	102	0.00
30 C	Chloroform	0.920	0.900	2.2#	104	0.00
31 T	Cyclohexane	0.845	0.750	11.2	97	0.00
32 T	1,1,1-Trichloroethane	0.832	0.828	0.5	108	0.00
33 S	1,2-Dichloroethane-d4	0.471	0.504	-7.0	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.317	0.321	-1.3	105	0.00
36 T	1,1-Dichloropropene	0.456	0.441	3.3	101	0.00
37 T	Ethyl Acetate	0.190	0.177	6.8	105	0.00
38 T	Carbon Tetrachloride	0.475	0.468	1.5	101	0.00
39 T	Methylcyclohexane	0.568	0.557	1.9	101	0.00
40 TM	Benzene	1.256	1.247	0.7	102	0.00
41 T	Methacrylonitrile	0.112	0.086	23.2#	86	0.00
42 TM	1,2-Dichloroethane	0.367	0.367	0.0	104	0.00
43 T	Isopropyl Acetate	0.382	0.365	4.5	104	0.00
44 TM	Trichloroethene	0.364	0.369	-1.4	104	0.00
45 C	1,2-Dichloropropane	0.310	0.310	0.0	104	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.175	0.0	103	0.00
47 T	Bromodichloromethane	0.451	0.461	-2.2	105	0.00
48 T	Methyl methacrylate	0.174	0.166	4.6	104	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	111	0.00
50 S	Toluene-d8	1.195	1.323	-10.7	110	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.183	4.7	103	0.00
52 CM	Toluene	0.852	0.850	0.2#	102	0.00
53 T	t-1,3-Dichloropropene	0.447	0.459	-2.7	104	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.527	-3.7	105	0.00
55 T	1,1,2-Trichloroethane	0.247	0.247	0.0	102	0.00
56 T	Ethyl methacrylate	0.315	0.312	1.0	103	0.00
57 T	1,3-Dichloropropane	0.420	0.415	1.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.131	7.1	99	0.00
59 T	2-Hexanone	0.137	0.130	5.1	103	0.00
60 T	Dibromochloromethane	0.327	0.336	-2.8	105	0.00
61 T	1,2-Dibromoethane	0.247	0.252	-2.0	104	0.00
62 S	4-Bromofluorobenzene	0.429	0.456	-6.3	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.337	0.340	-0.9	105	0.00
65 PM	Chlorobenzene	1.006	1.004	0.2	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.366	1.1	103	0.00
67 C	Ethyl Benzene	1.817	1.781	2.0#	101	0.00
68 T	m/p-Xylenes	0.698	0.696	0.3	103	0.00
69 T	o-Xylene	0.658	0.658	0.0	102	0.00
70 T	Styrene	1.114	1.138	-2.2	102	0.00
71 P	Bromoform	0.205	0.214	-4.4	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.415	3.377	1.1	102	0.00
74 T	N-amyl acetate	0.748	0.707	5.5	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.542	4.7	99	0.00
76 T	1,2,3-Trichloropropane	0.379	0.432	-14.0	127	0.00
77 T	Bromobenzene	0.821	0.843	-2.7	105	0.00
78 T	n-propylbenzene	4.018	3.975	1.1	102	0.00
79 T	2-Chlorotoluene	2.167	2.124	2.0	99	0.00
80 T	1,3,5-Trimethylbenzene	2.847	2.854	-0.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.190	0.186	2.1	104	0.00
82 T	4-Chlorotoluene	2.312	2.261	2.2	101	0.00
83 T	tert-Butylbenzene	2.488	2.541	-2.1	105	0.00
84 T	1,2,4-Trimethylbenzene	2.890	2.903	-0.4	101	0.00
85 T	sec-Butylbenzene	3.461	3.482	-0.6	103	0.00
86 T	p-Isopropyltoluene	3.251	3.260	-0.3	100	0.00
87 T	1,3-Dichlorobenzene	1.611	1.642	-1.9	102	0.00
88 T	1,4-Dichlorobenzene	1.603	1.641	-2.4	107	0.00
89 T	n-Butylbenzene	3.094	3.045	1.6	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.602	0.594	1.3	99	0.00
91 T	1,2-Dichlorobenzene	1.382	1.420	-2.7	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.092	4.2	110	0.00
93 T	1,2,4-Trichlorobenzene	1.050	1.109	-5.6	105	0.00
94 T	Hexachlorobutadiene	0.595	0.624	-4.9	105	0.00
95 T	Naphthalene	1.885	1.949	-3.4	106	0.00
96 T	1,2,3-Trichlorobenzene	0.931	0.944	-1.4	102	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5