

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122018\
 Data File : VD060659.D
 Acq On : 20 Dec 2018 15:18
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122018

Quant Time: Dec 21 05:48:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 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	115	0.00
2 T	Dichlorodifluoromethane	0.639	0.644	-0.8	102	0.00
3 P	Chloromethane	0.588	0.575	2.2	112	0.00
4 C	Vinyl Chloride	0.467	0.454	2.8#	107	0.00
5 T	Bromomethane	0.105	0.117	-11.4	105	0.00
6 T	Chloroethane	0.139	0.149	-7.2	106	0.00
7 T	Trichlorofluoromethane	0.519	0.513	1.2	105	0.00
8 T	Diethyl Ether	0.087	0.084	3.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.337	0.319	5.3	105	0.01
10 T	Methyl Iodide	0.354	0.348	1.7	100	0.00
11 T	Tert butyl alcohol	0.014	0.014	0.0	104	0.00
12 CM	1,1-Dichloroethene	0.277	0.258	6.9#	105	0.01
13 T	Acrolein	0.015	0.012	20.0	106	0.00
14 T	Allyl chloride	0.508	0.477	6.1	103	0.01
15 T	Acrylonitrile	0.084	0.076	9.5	100	0.00
16 T	Acetone	0.060	0.057	5.0	102	0.00
17 T	Carbon Disulfide	0.884	0.867	1.9	106	0.00
18 T	Methyl Acetate	0.150	0.137	8.7	99	0.00
19 T	Methyl tert-butyl Ether	0.702	0.661	5.8	100	0.00
20 T	Methylene Chloride	0.627	0.511	18.5	102	0.00
21 T	trans-1,2-Dichloroethene	0.567	0.533	6.0	103	0.01
22 T	Diisopropyl ether	1.724	1.604	7.0	101	0.00
23 T	Vinyl Acetate	0.834	0.768	7.9	99	0.00
24 P	1,1-Dichloroethane	0.907	0.853	6.0	103	0.00
25 T	2-Butanone	0.115	0.107	7.0	98	0.01
26 T	2,2-Dichloropropane	0.716	0.677	5.4	103	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.539	6.3	102	0.00
28 T	Bromochloromethane	0.383	0.339	11.5	99	0.00
29	Tetrahydrofuran	0.065	0.059	9.2	98	0.00
30 C	Chloroform	0.913	0.835	8.5#	100	0.00
31 T	Cyclohexane	0.873	0.807	7.6	102	0.00
32 T	1,1,1-Trichloroethane	0.755	0.726	3.8	105	0.00
33 S	1,2-Dichloroethane-d4	0.346	0.296	14.5	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.366	0.333	9.0	102	0.00
36 T	1,1-Dichloropropene	0.515	0.497	3.5	103	0.00
37 T	Ethyl Acetate	0.215	0.205	4.7	101	0.00
38 T	Carbon Tetrachloride	0.454	0.451	0.7	104	0.01
39 T	Methylcyclohexane	0.587	0.577	1.7	102	0.00
40 TM	Benzene	1.330	1.273	4.3	102	0.00
41 T	Methacrylonitrile	0.119	0.112	5.9	95	0.01
42 TM	1,2-Dichloroethane	0.330	0.314	4.8	101	0.00
43 T	Isopropyl Acetate	0.276	0.265	4.0	99	0.00
44 TM	Trichloroethene	0.394	0.395	-0.3	106	0.00
45 C	1,2-Dichloropropane	0.326	0.307	5.8#	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.180	3.2	102	0.00
47 T	Bromodichloromethane	0.441	0.433	1.8	102	0.00
48 T	Methyl methacrylate	0.168	0.168	0.0	102	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	101	0.00
50 S	Toluene-d8	1.092	0.993	9.1	101	0.00
51 T	4-Methyl-2-Pentanone	0.169	0.161	4.7	97	0.00
52 CM	Toluene	0.834	0.802	3.8#	101	0.00
53 T	t-1,3-Dichloropropene	0.368	0.357	3.0	99	0.00
54 T	cis-1,3-Dichloropropene	0.481	0.454	5.6	97	0.00
55 T	1,1,2-Trichloroethane	0.224	0.211	5.8	101	0.00
56 T	Ethyl methacrylate	0.208	0.206	1.0	96	0.00
57 T	1,3-Dichloropropane	0.356	0.342	3.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.112	8.9	99	0.00
59 T	2-Hexanone	0.119	0.119	0.0	102	0.00
60 T	Dibromochloromethane	0.286	0.286	0.0	100	0.00
61 T	1,2-Dibromoethane	0.233	0.231	0.9	102	0.00
62 S	4-Bromofluorobenzene	0.382	0.346	9.4	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.453	0.441	2.6	103	0.00
65 PM	Chlorobenzene	1.105	1.047	5.2	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.355	0.343	3.4	101	0.00
67 C	Ethyl Benzene	1.892	1.801	4.8#	101	0.00
68 T	m/p-Xylenes	0.691	0.658	4.8	101	0.00
69 T	o-Xylene	0.656	0.641	2.3	102	0.00
70 T	Styrene	1.056	1.036	1.9	102	0.00
71 P	Bromoform	0.234	0.234	0.0	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.560	3.460	2.8	102	0.00
74 T	N-amyl acetate	0.840	0.826	1.7	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.577	0.563	2.4	100	0.00
76 T	1,2,3-Trichloropropane	0.569	0.549	3.5	100	0.00
77 T	Bromobenzene	0.940	0.910	3.2	100	0.00
78 T	n-propylbenzene	4.551	4.250	6.6	98	0.00
79 T	2-Chlorotoluene	2.438	2.294	5.9	98	0.00
80 T	1,3,5-Trimethylbenzene	2.749	2.678	2.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.157	0.160	-1.9	101	0.00
82 T	4-Chlorotoluene	2.763	2.535	8.3	98	0.00
83 T	tert-Butylbenzene	3.128	3.015	3.6	101	0.00
84 T	1,2,4-Trimethylbenzene	2.831	2.711	4.2	100	0.00
85 T	sec-Butylbenzene	3.815	3.705	2.9	100	0.00
86 T	p-Isopropyltoluene	3.080	2.968	3.6	102	0.00
87 T	1,3-Dichlorobenzene	1.725	1.632	5.4	99	0.00
88 T	1,4-Dichlorobenzene	1.700	1.628	4.2	100	0.00
89 T	n-Butylbenzene	3.147	3.035	3.6	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.757	0.754	0.4	102	0.00
91 T	1,2-Dichlorobenzene	1.384	1.305	5.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.068	0.066	2.9	99	0.00
93 T	1,2,4-Trichlorobenzene	1.101	1.074	2.5	99	0.00
94 T	Hexachlorobutadiene	0.814	0.788	3.2	101	0.00
95 T	Naphthalene	1.309	1.280	2.2	97	0.00
96 T	1,2,3-Trichlorobenzene	0.861	0.826	4.1	97	0.00

(#) = Out of Range

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