

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122818\
 Data File : VD060752.D
 Acq On : 28 Dec 2018 17:55
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 22:49:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	87	0.00
2 T	Dichlorodifluoromethane	0.639	0.592	7.4	71	0.00
3 P	Chloromethane	0.588	0.527	10.4	77	0.00
4 C	Vinyl Chloride	0.467	0.440	5.8#	78	0.00
5 T	Bromomethane	0.105	0.136	-29.5#	92	0.00
6 T	Chloroethane	0.139	0.171	-23.0#	92	0.00
7 T	Trichlorofluoromethane	0.519	0.528	-1.7	81	0.00
8 T	Diethyl Ether	0.087	0.094	-8.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.337	0.327	3.0	81	0.00
10 T	Methyl Iodide	0.354	0.366	-3.4	80	0.00
11 T	Tert butyl alcohol	0.014	0.017	-21.4#	99	0.00
12 CM	1,1-Dichloroethene	0.277	0.262	5.4#	81	0.00
13 T	Acrolein	0.015	0.010	33.3#	64	0.00
14 T	Allyl chloride	0.508	0.498	2.0	81	0.00
15 T	Acrylonitrile	0.084	0.089	-6.0	87	0.00
16 T	Acetone	0.060	0.055	8.3	75	0.00
17 T	Carbon Disulfide	0.884	0.833	5.8	77	0.00
18 T	Methyl Acetate	0.150	0.164	-9.3	89	0.00
19 T	Methyl tert-butyl Ether	0.702	0.780	-11.1	89	0.00
20 T	Methylene Chloride	0.627	0.534	14.8	80	0.00
21 T	trans-1,2-Dichloroethene	0.567	0.583	-2.8	85	0.00
22 T	Diisopropyl ether	1.724	1.821	-5.6	87	0.00
23 T	Vinyl Acetate	0.834	0.831	0.4	80	0.00
24 P	1,1-Dichloroethane	0.907	0.935	-3.1	85	0.00
25 T	2-Butanone	0.115	0.114	0.9	78	0.00
26 T	2,2-Dichloropropane	0.716	0.692	3.4	79	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.602	-4.7	86	0.00
28 T	Bromochloromethane	0.383	0.374	2.3	82	0.00
29	Tetrahydrofuran	0.065	0.065	0.0	81	0.00
30 C	Chloroform	0.913	0.893	2.2#	81	0.00
31 T	Cyclohexane	0.873	0.842	3.6	80	0.00
32 T	1,1,1-Trichloroethane	0.755	0.761	-0.8	83	0.00
33 S	1,2-Dichloroethane-d4	0.346	0.363	-4.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.366	0.361	1.4	94	0.00
36 T	1,1-Dichloropropene	0.515	0.460	10.7	81	0.00
37 T	Ethyl Acetate	0.215	0.194	9.8	81	0.00
38 T	Carbon Tetrachloride	0.454	0.419	7.7	82	0.01
39 T	Methylcyclohexane	0.587	0.538	8.3	81	0.00
40 TM	Benzene	1.330	1.213	8.8	82	0.00
41 T	Methacrylonitrile	0.119	0.114	4.2	82	0.00
42 TM	1,2-Dichloroethane	0.330	0.316	4.2	86	0.00
43 T	Isopropyl Acetate	0.276	0.271	1.8	85	0.00
44 TM	Trichloroethene	0.394	0.389	1.3	88	0.00
45 C	1,2-Dichloropropane	0.326	0.313	4.0#	88	0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.169	9.1	82	0.00
47 T	Bromodichloromethane	0.441	0.402	8.8	80	0.00
48 T	Methyl methacrylate	0.168	0.164	2.4	85	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	81	0.00
50 S	Toluene-d8	1.092	1.086	0.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.169	0.165	2.4	84	0.00
52 CM	Toluene	0.834	0.774	7.2#	83	0.00
53 T	t-1,3-Dichloropropene	0.368	0.349	5.2	82	0.00
54 T	cis-1,3-Dichloropropene	0.481	0.447	7.1	80	0.00
55 T	1,1,2-Trichloroethane	0.224	0.214	4.5	86	0.01
56 T	Ethyl methacrylate	0.208	0.207	0.5	81	0.00
57 T	1,3-Dichloropropane	0.356	0.324	9.0	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.106	13.8	79	0.00
59 T	2-Hexanone	0.119	0.112	5.9	80	0.00
60 T	Dibromochloromethane	0.286	0.279	2.4	83	0.00
61 T	1,2-Dibromoethane	0.233	0.235	-0.9	88	0.00
62 S	4-Bromofluorobenzene	0.382	0.381	0.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.453	0.406	10.4	77	0.00
65 PM	Chlorobenzene	1.105	1.104	0.1	87	0.01
66 T	1,1,1,2-Tetrachloroethane	0.355	0.350	1.4	84	0.00
67 C	Ethyl Benzene	1.892	1.720	9.1#	79	0.00
68 T	m/p-Xylenes	0.691	0.698	-1.0	88	0.00
69 T	o-Xylene	0.656	0.679	-3.5	88	0.00
70 T	Styrene	1.056	1.083	-2.6	87	0.00
71 P	Bromoform	0.234	0.235	-0.4	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.560	3.840	-7.9	87	0.00
74 T	N-amyl acetate	0.840	0.936	-11.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.577	0.585	-1.4	80	0.00
76 T	1,2,3-Trichloropropane	0.569	0.603	-6.0	85	0.00
77 T	Bromobenzene	0.940	0.948	-0.9	81	0.00
78 T	n-propylbenzene	4.551	4.659	-2.4	83	0.00
79 T	2-Chlorotoluene	2.438	2.512	-3.0	83	0.00
80 T	1,3,5-Trimethylbenzene	2.749	2.981	-8.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.157	0.176	-12.1	86	0.00
82 T	4-Chlorotoluene	2.763	2.843	-2.9	85	0.01
83 T	tert-Butylbenzene	3.128	3.335	-6.6	86	0.00
84 T	1,2,4-Trimethylbenzene	2.831	3.038	-7.3	86	0.00
85 T	sec-Butylbenzene	3.815	4.158	-9.0	87	0.00
86 T	p-Isopropyltoluene	3.080	3.357	-9.0	89	0.00
87 T	1,3-Dichlorobenzene	1.725	1.794	-4.0	84	0.00
88 T	1,4-Dichlorobenzene	1.700	1.750	-2.9	83	0.00
89 T	n-Butylbenzene	3.147	3.190	-1.4	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.757	0.836	-10.4	88	0.00
91 T	1,2-Dichlorobenzene	1.384	1.436	-3.8	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.068	0.069	-1.5	80	0.00
93 T	1,2,4-Trichlorobenzene	1.101	1.145	-4.0	82	0.00
94 T	Hexachlorobutadiene	0.814	0.827	-1.6	82	0.00
95 T	Naphthalene	1.309	1.471	-12.4	86	0.00
96 T	1,2,3-Trichlorobenzene	0.861	0.951	-10.5	86	0.00

(#) = Out of Range

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