

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122818\
 Data File : VD060743.D
 Acq On : 28 Dec 2018 12:20
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 29 03:25:22 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	99	0.02
2 T	Dichlorodifluoromethane	0.639	0.573	10.3	78	0.02
3 P	Chloromethane	0.588	0.498	15.3	83	0.02
4 C	Vinyl Chloride	0.467	0.413	11.6#	83	0.00
5 T	Bromomethane	0.105	0.129	-22.9#	98	0.02
6 T	Chloroethane	0.139	0.150	-7.9	91	0.02
7 T	Trichlorofluoromethane	0.519	0.500	3.7	88	0.02
8 T	Diethyl Ether	0.087	0.084	3.4	89	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.337	0.319	5.3	90	0.02
10 T	Methyl Iodide	0.354	0.360	-1.7	89	0.02
11 T	Tert butyl alcohol	0.014	0.014	0.0	88	0.02
12 CM	1,1-Dichloroethene	0.277	0.266	4.0#	93	0.02
13 T	Acrolein	0.015	0.011	26.7#	80	0.02
14 T	Allyl chloride	0.508	0.512	-0.8	95	0.02
15 T	Acrylonitrile	0.084	0.078	7.1	87	0.02
16 T	Acetone	0.060	0.058	3.3	90	0.00
17 T	Carbon Disulfide	0.884	0.807	8.7	84	0.02
18 T	Methyl Acetate	0.150	0.159	-6.0	98	0.02
19 T	Methyl tert-butyl Ether	0.702	0.679	3.3	88	0.02
20 T	Methylene Chloride	0.627	0.502	19.9	86	0.02
21 T	trans-1,2-Dichloroethene	0.567	0.519	8.5	86	0.03
22 T	Diisopropyl ether	1.724	1.639	4.9	89	0.02
23 T	Vinyl Acetate	0.834	0.779	6.6	86	0.02
24 P	1,1-Dichloroethane	0.907	0.877	3.3	91	0.02
25 T	2-Butanone	0.115	0.109	5.2	85	0.02
26 T	2,2-Dichloropropane	0.716	0.694	3.1	90	0.02
27 T	cis-1,2-Dichloroethene	0.575	0.544	5.4	88	0.02
28 T	Bromochloromethane	0.383	0.318	17.0	80	0.02
29	Tetrahydrofuran	0.065	0.059	9.2	85	0.02
30 C	Chloroform	0.913	0.877	3.9#	90	0.02
31 T	Cyclohexane	0.873	0.749	14.2	81	0.02
32 T	1,1,1-Trichloroethane	0.755	0.701	7.2	87	0.00
33 S	1,2-Dichloroethane-d4	0.346	0.361	-4.3	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.02
35 S	Dibromofluoromethane	0.366	0.376	-2.7	104	0.00
36 T	1,1-Dichloropropene	0.515	0.470	8.7	88	0.02
37 T	Ethyl Acetate	0.215	0.186	13.5	82	0.02
38 T	Carbon Tetrachloride	0.454	0.418	7.9	87	0.03
39 T	Methylcyclohexane	0.587	0.519	11.6	83	0.00
40 TM	Benzene	1.330	1.253	5.8	90	0.00
41 T	Methacrylonitrile	0.119	0.092	22.7#	70	0.02
42 TM	1,2-Dichloroethane	0.330	0.316	4.2	91	0.00
43 T	Isopropyl Acetate	0.276	0.249	9.8	83	0.00
44 TM	Trichloroethene	0.394	0.380	3.6	92	0.00
45 C	1,2-Dichloropropane	0.326	0.306	6.1#	91	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.176	5.4	90	0.00
47 T	Bromodichloromethane	0.441	0.434	1.6	92	0.00
48 T	Methyl methacrylate	0.168	0.155	7.7	85	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	84	0.00
50 S	Toluene-d8	1.092	1.108	-1.5	102	0.00
51 T	4-Methyl-2-Pentanone	0.169	0.156	7.7	85	0.00
52 CM	Toluene	0.834	0.784	6.0#	89	0.00
53 T	t-1,3-Dichloropropene	0.368	0.367	0.3	91	0.00
54 T	cis-1,3-Dichloropropene	0.481	0.468	2.7	89	0.00
55 T	1,1,2-Trichloroethane	0.224	0.207	7.6	88	0.02
56 T	Ethyl methacrylate	0.208	0.199	4.3	83	0.00
57 T	1,3-Dichloropropane	0.356	0.336	5.6	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.112	8.9	89	0.00
59 T	2-Hexanone	0.119	0.115	3.4	88	0.00
60 T	Dibromochloromethane	0.286	0.280	2.1	88	0.00
61 T	1,2-Dibromoethane	0.233	0.220	5.6	88	0.00
62 S	4-Bromofluorobenzene	0.382	0.402	-5.2	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.453	0.408	9.9	89	0.00
65 PM	Chlorobenzene	1.105	0.990	10.4	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.355	0.336	5.4	92	0.00
67 C	Ethyl Benzene	1.892	1.694	10.5#	88	0.00
68 T	m/p-Xylenes	0.691	0.628	9.1	90	0.00
69 T	o-Xylene	0.656	0.594	9.5	88	0.00
70 T	Styrene	1.056	0.977	7.5	90	0.00
71 P	Bromoform	0.234	0.224	4.3	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.560	3.149	11.5	88	0.00
74 T	N-amyl acetate	0.840	0.771	8.2	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.577	0.537	6.9	91	0.00
76 T	1,2,3-Trichloropropane	0.569	0.522	8.3	91	0.00
77 T	Bromobenzene	0.940	0.880	6.4	92	0.00
78 T	n-propylbenzene	4.551	4.038	11.3	89	0.00
79 T	2-Chlorotoluene	2.438	2.230	8.5	90	0.00
80 T	1,3,5-Trimethylbenzene	2.749	2.487	9.5	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.157	0.147	6.4	88	0.00
82 T	4-Chlorotoluene	2.763	2.472	10.5	91	0.00
83 T	tert-Butylbenzene	3.128	2.852	8.8	91	0.00
84 T	1,2,4-Trimethylbenzene	2.831	2.561	9.5	90	0.00
85 T	sec-Butylbenzene	3.815	3.438	9.9	88	0.00
86 T	p-Isopropyltoluene	3.080	2.685	12.8	88	0.00
87 T	1,3-Dichlorobenzene	1.725	1.567	9.2	90	0.00
88 T	1,4-Dichlorobenzene	1.700	1.499	11.8	88	0.00
89 T	n-Butylbenzene	3.147	2.845	9.6	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.757	0.722	4.6	93	0.00
91 T	1,2-Dichlorobenzene	1.384	1.287	7.0	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.068	0.064	5.9	91	0.00
93 T	1,2,4-Trichlorobenzene	1.101	1.052	4.5	92	0.00
94 T	Hexachlorobutadiene	0.814	0.738	9.3	90	0.00
95 T	Naphthalene	1.309	1.183	9.6	85	0.00
96 T	1,2,3-Trichlorobenzene	0.861	0.795	7.7	89	0.00

(#) = Out of Range

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