

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058361.D
 Acq On : 24 Jun 2018 00:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:14:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 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	103	0.02
2 T	Dichlorodifluoromethane	0.511	0.478	6.5	101	0.02
3 P	Chloromethane	0.248	0.257	-3.6	120	0.02
4 C	Vinyl Chloride	0.262	0.267	-1.9#	108	0.02
5 T	Bromomethane	0.095	0.096	-1.1	109	0.02
6 T	Chloroethane	0.095	0.117	-23.2#	121	0.02
7 T	Trichlorofluoromethane	0.359	0.394	-9.7	118	0.03
8 T	Diethyl Ether	0.076	0.082	-7.9	107	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.228	0.232	-1.8	107	0.03
10 T	Methyl Iodide	0.260	0.258	0.8	98	0.02
11 T	Tert butyl alcohol	0.017	0.019	-11.8	113	0.01
12 CM	1,1-Dichloroethene	0.172	0.174	-1.2#	106	0.03
13 T	Acrolein	0.010	0.005	50.0#	74	0.02
14 T	Allyl chloride	0.400	0.423	-5.7	107	0.03
15 T	Acrylonitrile	0.044	0.072	-63.6#	159#	0.03
16 T	Acetone	0.069	0.068	1.4	95	0.02
17 T	Carbon Disulfide	0.584	0.539	7.7	99	0.02
18 T	Methyl Acetate	0.147	0.162	-10.2	112	0.03
19 T	Methyl tert-butyl Ether	0.456	0.898	-96.9#	196#	0.02
20 T	Methylene Chloride	0.214	0.195	8.9	109	0.03
21 T	trans-1,2-Dichloroethene	0.188	0.398	-111.7#	231#	0.02
22 T	Diisopropyl ether	1.588	1.628	-2.5	106	0.02
23 T	Vinyl Acetate	0.851	0.842	1.1	95	0.03
24 P	1,1-Dichloroethane	0.855	0.898	-5.0	110	0.03
25 T	2-Butanone	0.151	0.145	4.0	94	0.01
26 T	2,2-Dichloropropane	0.716	0.667	6.8	99	0.02
27 T	cis-1,2-Dichloroethene	0.469	0.498	-6.2	111	0.02
28 T	Bromochloromethane	0.383	0.381	0.5	98	0.02
29	Tetrahydrofuran	0.080	0.076	5.0	89	0.02
30 C	Chloroform	0.903	0.944	-4.5#	108	0.02
31 T	Cyclohexane	0.733	0.619	15.6	94	0.02
32 T	1,1,1-Trichloroethane	0.746	0.782	-4.8	107	0.02
33 S	1,2-Dichloroethane-d4	0.505	0.561	-11.1	105	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.02
35 S	Dibromofluoromethane	0.407	0.431	-5.9	107	0.01
36 T	1,1-Dichloropropene	0.495	0.460	7.1	104	0.02
37 T	Ethyl Acetate	0.282	0.263	6.7	94	0.03
38 T	Carbon Tetrachloride	0.491	0.485	1.2	107	0.03
39 T	Methylcyclohexane	0.482	0.458	5.0	106	0.01
40 TM	Benzene	1.178	1.101	6.5	105	0.02
41 T	Methacrylonitrile	0.136	0.126	7.4	99	0.02
42 TM	1,2-Dichloroethane	0.475	0.483	-1.7	108	0.01
43 T	Isopropyl Acetate	0.376	0.355	5.6	93	0.01
44 TM	Trichloroethene	0.354	0.366	-3.4	115	0.02
45 C	1,2-Dichloropropane	0.317	0.317	0.0	106	0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.221	-1.8	105	0.02
47 T	Bromodichloromethane	0.494	0.509	-3.0	110	0.01
48 T	Methyl methacrylate	0.228	0.219	3.9	98	0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.01
50 S	Toluene-d8	0.985	1.032	-4.8	105	0.01
51 T	4-Methyl-2-Pentanone	0.245	0.229	6.5	94	0.01
52 CM	Toluene	0.671	0.633	5.7#	106	0.01
53 T	t-1,3-Dichloropropene	0.429	0.416	3.0	102	0.01
54 T	cis-1,3-Dichloropropene	0.503	0.500	0.6	102	0.01
55 T	1,1,2-Trichloroethane	0.237	0.233	1.7	105	0.01
56 T	Ethyl methacrylate	0.284	0.279	1.8	98	0.02
57 T	1,3-Dichloropropane	0.400	0.386	3.5	105	0.01
58 T	2-Chloroethyl Vinyl ether	0.141	0.140	0.7	99	0.01
59 T	2-Hexanone	0.177	0.169	4.5	98	0.01
60 T	Dibromochloromethane	0.322	0.336	-4.3	106	0.01
61 T	1,2-Dibromoethane	0.260	0.260	0.0	102	0.01
62 S	4-Bromofluorobenzene	0.402	0.414	-3.0	106	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.01
64 T	Tetrachloroethene	0.421	0.429	-1.9	112	0.01
65 PM	Chlorobenzene	0.935	0.957	-2.4	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.350	3.0	103	0.01
67 C	Ethyl Benzene	1.651	1.535	7.0#	105	0.01
68 T	m/p-Xylenes	0.551	0.517	6.2	109	0.01
69 T	o-Xylene	0.526	0.515	2.1	113	0.01
70 T	Styrene	0.897	0.850	5.2	107	0.00
71 P	Bromoform	0.288	0.304	-5.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	2.991	3.091	-3.3	111	0.01
74 T	N-amyl acetate	1.156	1.199	-3.7	97	0.01
75 P	1,1,2,2-Tetrachloroethane	0.696	0.723	-3.9	101	0.01
76 T	1,2,3-Trichloropropane	0.730	0.741	-1.5	98	0.00
77 T	Bromobenzene	0.896	0.961	-7.3	112	0.00
78 T	n-propylbenzene	3.862	3.905	-1.1	107	0.00
79 T	2-Chlorotoluene	2.210	2.286	-3.4	107	0.01
80 T	1,3,5-Trimethylbenzene	2.333	2.421	-3.8	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.175	1.7	86	0.01
82 T	4-Chlorotoluene	2.493	2.540	-1.9	109	0.00
83 T	tert-Butylbenzene	2.682	2.684	-0.1	104	0.00
84 T	1,2,4-Trimethylbenzene	2.536	2.594	-2.3	108	0.00
85 T	sec-Butylbenzene	3.144	3.195	-1.6	104	0.01
86 T	p-Isopropyltoluene	2.547	2.567	-0.8	107	0.01
87 T	1,3-Dichlorobenzene	1.557	1.561	-0.3	106	0.00
88 T	1,4-Dichlorobenzene	1.520	1.477	2.8	102	0.00
89 T	n-Butylbenzene	2.677	2.577	3.7	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.661	0.700	-5.9	104	0.00
91 T	1,2-Dichlorobenzene	1.325	1.266	4.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.114	-2.7	94	0.00
93 T	1,2,4-Trichlorobenzene	1.267	1.267	0.0	101	0.00
94 T	Hexachlorobutadiene	0.991	0.995	-0.4	104	0.00
95 T	Naphthalene	1.669	1.641	1.7	93	0.00
96 T	1,2,3-Trichlorobenzene	1.109	1.076	3.0	97	0.00

(#) = Out of Range

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