

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061345.D
 Acq On : 26 Mar 2019 20:22
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 27 09:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 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	103	-0.02
2 T	Dichlorodifluoromethane	0.511	0.547	-7.0	103	0.00
3 P	Chloromethane	0.399	0.405	-1.5	103	-0.01
4 C	Vinyl Chloride	0.373	0.392	-5.1#	101	-0.01
5 T	Bromomethane	0.076	0.094	-23.7#	114	0.00
6 T	Chloroethane	0.117	0.130	-11.1	89	-0.01
7 T	Trichlorofluoromethane	0.551	0.603	-9.4	101	-0.01
8 T	Diethyl Ether	0.164	0.207	-26.2#	127	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.561	0.614	-9.4	106	-0.01
10 T	Methyl Iodide	0.784	1.030	-31.4#	111	-0.01
11 T	Tert butyl alcohol	0.023	0.029	-26.1#	115	-0.03
12 CM	1,1-Dichloroethene	0.483	0.542	-12.2#	109	-0.01
13 T	Acrolein	0.025	0.021	16.0	93	-0.01
14 T	Allyl chloride	0.685	0.800	-16.8	113	-0.02
15 T	Acrylonitrile	0.081	0.100	-23.5#	116	-0.02
16 T	Acetone	0.103	0.110	-6.8	88	-0.02
17 T	Carbon Disulfide	1.603	1.740	-8.5	102	-0.01
18 T	Methyl Acetate	0.195	0.237	-21.5#	119	-0.01
19 T	Methyl tert-butyl Ether	0.850	1.011	-18.9	109	-0.02
20 T	Methylene Chloride	0.586	0.604	-3.1	113	-0.02
21 T	trans-1,2-Dichloroethene	0.540	0.617	-14.3	105	-0.03
22 T	Diisopropyl ether	1.443	1.709	-18.4	108	-0.02
23 T	Vinyl Acetate	0.770	0.909	-18.1	107	-0.03
24 P	1,1-Dichloroethane	0.841	0.967	-15.0	105	-0.02
25 T	2-Butanone	0.119	0.148	-24.4#	109	-0.02
26 T	2,2-Dichloropropane	0.714	0.770	-7.8	102	-0.02
27 T	cis-1,2-Dichloroethene	0.581	0.698	-20.1#	110	-0.02
28 T	Bromochloromethane	0.352	0.397	-12.8	105	-0.02
29	Tetrahydrofuran	0.059	0.074	-25.4#	112	-0.02
30 C	Chloroform	0.896	1.053	-17.5#	110	-0.02
31 T	Cyclohexane	0.682	0.764	-12.0	101	-0.02
32 T	1,1,1-Trichloroethane	0.793	0.846	-6.7	94	-0.02
33 S	1,2-Dichloroethane-d4	0.431	0.441	-2.3	98	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.02
35 S	Dibromofluoromethane	0.383	0.407	-6.3	99	-0.02
36 T	1,1-Dichloropropene	0.409	0.425	-3.9	100	-0.03
37 T	Ethyl Acetate	0.171	0.215	-25.7#	116	-0.02
38 T	Carbon Tetrachloride	0.468	0.484	-3.4	98	-0.02
39 T	Methylcyclohexane	0.424	0.513	-21.0#	108	-0.01
40 TM	Benzene	1.016	1.235	-21.6#	108	-0.01
41 T	Methacrylonitrile	0.199	0.247	-24.1#	110	-0.03
42 TM	1,2-Dichloroethane	0.317	0.371	-17.0	109	-0.02
43 T	Isopropyl Acetate	0.246	0.301	-22.4#	110	-0.01
44 TM	Trichloroethene	0.367	0.414	-12.8	103	-0.02
45 C	1,2-Dichloropropane	0.251	0.291	-15.9#	102	-0.02

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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)
46 T	Dibromomethane	0.172	0.207	-20.3#	110	-0.01
47 T	Bromodichloromethane	0.403	0.460	-14.1	102	-0.02
48 T	Methyl methacrylate	0.131	0.156	-19.1	119	-0.01
49 T	1,4-Dioxane	0.001	0.002	-100.0#	112	-0.02
50 S	Toluene-d8	0.928	0.969	-4.4	101	-0.01
51 T	4-Methyl-2-Pentanone	0.147	0.183	-24.5#	116	-0.01
52 CM	Toluene	0.622	0.727	-16.9#	116	-0.01
53 T	t-1,3-Dichloropropene	0.350	0.444	-26.9#	117	-0.01
54 T	cis-1,3-Dichloropropene	0.428	0.499	-16.6	106	-0.02
55 T	1,1,2-Trichloroethane	0.206	0.227	-10.2	107	-0.01
56 T	Ethyl methacrylate	0.220	0.283	-28.6#	117	-0.01
57 T	1,3-Dichloropropane	0.312	0.347	-11.2	99	-0.01
58 T	2-Chloroethyl Vinyl ether	0.115	0.111	3.5	91	-0.01
59 T	2-Hexanone	0.107	0.127	-18.7	100	-0.01
60 T	Dibromochloromethane	0.323	0.381	-18.0	105	-0.01
61 T	1,2-Dibromoethane	0.241	0.295	-22.4#	114	-0.02
62 S	4-Bromofluorobenzene	0.362	0.378	-4.4	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	-0.01
64 T	Tetrachloroethene	0.344	0.380	-10.5	114	-0.01
65 PM	Chlorobenzene	0.921	0.995	-8.0	112	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.357	0.394	-10.4	109	0.00
67 C	Ethyl Benzene	1.409	1.471	-4.4#	107	-0.01
68 T	m/p-Xylenes	0.550	0.586	-6.5	117	0.00
69 T	o-Xylene	0.510	0.487	4.5	96	-0.01
70 T	Styrene	0.866	0.866	0.0	101	0.00
71 P	Bromoform	0.218	0.247	-13.3	112	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.252	4.102	-26.1#	105	-0.01
74 T	N-amyl acetate	0.851	1.198	-40.8#	114	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.631	0.843	-33.6#	105	-0.01
76 T	1,2,3-Trichloropropane	0.622	0.905	-45.5#	121	0.00
77 T	Bromobenzene	0.908	1.132	-24.7#	98	-0.01
78 T	n-propylbenzene	3.669	4.945	-34.8#	112	0.00
79 T	2-Chlorotoluene	2.136	2.700	-26.4#	110	0.00
80 T	1,3,5-Trimethylbenzene	2.566	3.100	-20.8#	100	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.196	0.284	-44.9#	111	-0.01
82 T	4-Chlorotoluene	2.335	2.782	-19.1	101	0.00
83 T	tert-Butylbenzene	2.929	3.736	-27.6#	104	-0.01
84 T	1,2,4-Trimethylbenzene	2.566	3.100	-20.8#	100	-0.01
85 T	sec-Butylbenzene	3.262	4.312	-32.2#	111	-0.01
86 T	p-Isopropyltoluene	2.910	3.085	-6.0	86	0.00
87 T	1,3-Dichlorobenzene	1.610	2.061	-28.0#	108	-0.01
88 T	1,4-Dichlorobenzene	1.560	1.863	-19.4	95	0.00
89 T	n-Butylbenzene	2.584	3.275	-26.7#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.780	1.020	-30.8#	104	-0.01
91 T	1,2-Dichlorobenzene	1.285	1.726	-34.3#	114	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.112	-41.8#	113	-0.01
93 T	1,2,4-Trichlorobenzene	0.593	0.867	-46.2#	109	0.00
94 T	Hexachlorobutadiene	0.478	0.659	-37.9#	104	0.00
95 T	Naphthalene	0.866	1.387	-60.2#	119	0.00
96 T	1,2,3-Trichlorobenzene	0.277	0.414	-49.5#	107	0.00

(#) = Out of Range

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