

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058269.D
 Acq On : 22 Jun 2018 00:34
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 06:18:21 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	97	0.01
2 T	Dichlorodifluoromethane	0.511	0.497	2.7	98	0.01
3 P	Chloromethane	0.248	0.218	12.1	95	0.00
4 C	Vinyl Chloride	0.262	0.234	10.7#	89	0.00
5 T	Bromomethane	0.095	0.098	-3.2	104	0.01
6 T	Chloroethane	0.095	0.114	-20.0#	111	0.01
7 T	Trichlorofluoromethane	0.359	0.390	-8.6	110	0.01
8 T	Diethyl Ether	0.076	0.072	5.3	89	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.228	0.228	0.0	98	0.01
10 T	Methyl Iodide	0.260	0.284	-9.2	101	0.01
11 T	Tert butyl alcohol	0.017	0.015	11.8	84	0.01
12 CM	1,1-Dichloroethene	0.172	0.166	3.5#	95	0.01
13 T	Acrolein	0.010	0.005	50.0#	71	0.00
14 T	Allyl chloride	0.400	0.387	3.3	92	0.01
15 T	Acrylonitrile	0.044	0.040	9.1	83	0.01
16 T	Acetone	0.069	0.061	11.6	80	0.01
17 T	Carbon Disulfide	0.584	0.521	10.8	90	0.00
18 T	Methyl Acetate	0.147	0.139	5.4	91	0.01
19 T	Methyl tert-butyl Ether	0.456	0.680	-49.1#	139	0.02
20 T	Methylene Chloride	0.214	0.182	15.0	96	0.01
21 T	trans-1,2-Dichloroethene	0.188	0.216	-14.9	118	0.01
22 T	Diisopropyl ether	1.588	1.527	3.8	93	0.00
23 T	Vinyl Acetate	0.851	0.842	1.1	90	0.01
24 P	1,1-Dichloroethane	0.855	0.892	-4.3	103	0.01
25 T	2-Butanone	0.151	0.148	2.0	90	0.01
26 T	2,2-Dichloropropane	0.716	0.687	4.1	95	0.01
27 T	cis-1,2-Dichloroethene	0.469	0.496	-5.8	104	0.01
28 T	Bromochloromethane	0.383	0.393	-2.6	95	0.01
29	Tetrahydrofuran	0.080	0.078	2.5	85	0.00
30 C	Chloroform	0.903	0.963	-6.6#	104	0.01
31 T	Cyclohexane	0.733	0.642	12.4	92	0.01
32 T	1,1,1-Trichloroethane	0.746	0.792	-6.2	102	0.01
33 S	1,2-Dichloroethane-d4	0.505	0.586	-16.0	103	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.01
35 S	Dibromofluoromethane	0.407	0.445	-9.3	101	0.00
36 T	1,1-Dichloropropene	0.495	0.488	1.4	101	0.00
37 T	Ethyl Acetate	0.282	0.270	4.3	88	0.01
38 T	Carbon Tetrachloride	0.491	0.506	-3.1	102	0.01
39 T	Methylcyclohexane	0.482	0.479	0.6	101	0.01
40 TM	Benzene	1.178	1.142	3.1	100	0.01
41 T	Methacrylonitrile	0.136	0.149	-9.6	107	0.01
42 TM	1,2-Dichloroethane	0.475	0.488	-2.7	100	0.01
43 T	Isopropyl Acetate	0.376	0.373	0.8	89	0.01
44 TM	Trichloroethene	0.354	0.349	1.4	100	0.01
45 C	1,2-Dichloropropane	0.317	0.324	-2.2#	99	0.00

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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	0.217	0.226	-4.1	98	0.01
47 T	Bromodichloromethane	0.494	0.524	-6.1	104	0.00
48 T	Methyl methacrylate	0.228	0.226	0.9	92	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	0.985	0.998	-1.3	93	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.237	3.3	88	0.00
52 CM	Toluene	0.671	0.604	10.0#	92	0.00
53 T	t-1,3-Dichloropropene	0.429	0.427	0.5	95	0.00
54 T	cis-1,3-Dichloropropene	0.503	0.496	1.4	92	0.00
55 T	1,1,2-Trichloroethane	0.237	0.229	3.4	94	0.00
56 T	Ethyl methacrylate	0.284	0.293	-3.2	94	0.01
57 T	1,3-Dichloropropane	0.400	0.407	-1.7	101	0.01
58 T	2-Chloroethyl Vinyl ether	0.141	0.138	2.1	90	0.01
59 T	2-Hexanone	0.177	0.174	1.7	92	0.00
60 T	Dibromochloromethane	0.322	0.346	-7.5	99	0.00
61 T	1,2-Dibromoethane	0.260	0.272	-4.6	97	0.00
62 S	4-Bromofluorobenzene	0.402	0.426	-6.0	100	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.01
64 T	Tetrachloroethene	0.421	0.448	-6.4	105	0.00
65 PM	Chlorobenzene	0.935	0.940	-0.5	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.363	-0.6	96	0.01
67 C	Ethyl Benzene	1.651	1.594	3.5#	99	0.01
68 T	m/p-Xylenes	0.551	0.523	5.1	99	0.00
69 T	o-Xylene	0.526	0.512	2.7	101	0.00
70 T	Styrene	0.897	0.881	1.8	100	0.00
71 P	Bromoform	0.288	0.313	-8.7	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	2.991	3.072	-2.7	100	0.01
74 T	N-amyl acetate	1.156	1.174	-1.6	86	0.01
75 P	1,1,2,2-Tetrachloroethane	0.696	0.760	-9.2	97	0.00
76 T	1,2,3-Trichloropropane	0.730	0.765	-4.8	93	0.00
77 T	Bromobenzene	0.896	0.955	-6.6	101	0.00
78 T	n-propylbenzene	3.862	4.014	-3.9	100	0.00
79 T	2-Chlorotoluene	2.210	2.306	-4.3	99	0.00
80 T	1,3,5-Trimethylbenzene	2.333	2.364	-1.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.174	2.2	78	0.01
82 T	4-Chlorotoluene	2.493	2.487	0.2	98	0.00
83 T	tert-Butylbenzene	2.682	2.724	-1.6	97	0.00
84 T	1,2,4-Trimethylbenzene	2.536	2.570	-1.3	97	0.00
85 T	sec-Butylbenzene	3.144	3.263	-3.8	97	0.00
86 T	p-Isopropyltoluene	2.547	2.646	-3.9	101	0.00
87 T	1,3-Dichlorobenzene	1.557	1.549	0.5	96	0.00
88 T	1,4-Dichlorobenzene	1.520	1.500	1.3	95	0.00
89 T	n-Butylbenzene	2.677	2.800	-4.6	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.661	0.702	-6.2	95	0.00
91 T	1,2-Dichlorobenzene	1.325	1.348	-1.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.111	0.124	-11.7	94	0.00
93 T	1,2,4-Trichlorobenzene	1.267	1.214	4.2	88	0.00
94 T	Hexachlorobutadiene	0.991	1.021	-3.0	98	0.00
95 T	Naphthalene	1.669	1.714	-2.7	89	0.00
96 T	1,2,3-Trichlorobenzene	1.109	1.155	-4.1	96	0.00

(#) = Out of Range

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