

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060720.D
 Acq On : 27 Dec 2018 11:53
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 08:19:06 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	-0.04
2 T	Dichlorodifluoromethane	0.639	0.722	-13.0	98	-0.02
3 P	Chloromethane	0.588	0.617	-4.9	103	-0.02
4 C	Vinyl Chloride	0.467	0.513	-9.9#	104	-0.02
5 T	Bromomethane	0.105	0.127	-21.0#	98	-0.02
6 T	Chloroethane	0.139	0.164	-18.0	101	-0.02
7 T	Trichlorofluoromethane	0.519	0.573	-10.4	101	-0.02
8 T	Diethyl Ether	0.087	0.091	-4.6	98	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.337	0.359	-6.5	101	-0.03
10 T	Methyl Iodide	0.354	0.413	-16.7	102	-0.03
11 T	Tert butyl alcohol	0.014	0.016	-14.3	103	-0.04
12 CM	1,1-Dichloroethene	0.277	0.293	-5.8#	103	-0.03
13 T	Acrolein	0.015	0.018	-20.0	129	-0.03
14 T	Allyl chloride	0.508	0.553	-8.9	103	-0.03
15 T	Acrylonitrile	0.084	0.092	-9.5	104	-0.04
16 T	Acetone	0.060	0.068	-13.3	105	-0.03
17 T	Carbon Disulfide	0.884	0.935	-5.8	98	-0.03
18 T	Methyl Acetate	0.150	0.164	-9.3	101	-0.03
19 T	Methyl tert-butyl Ether	0.702	0.791	-12.7	103	-0.04
20 T	Methylene Chloride	0.627	0.578	7.8	100	-0.04
21 T	trans-1,2-Dichloroethene	0.567	0.641	-13.1	107	-0.03
22 T	Diisopropyl ether	1.724	1.951	-13.2	106	-0.04
23 T	Vinyl Acetate	0.834	0.939	-12.6	104	-0.04
24 P	1,1-Dichloroethane	0.907	1.029	-13.5	107	-0.04
25 T	2-Butanone	0.115	0.130	-13.0	102	-0.03
26 T	2,2-Dichloropropane	0.716	0.839	-17.2	110	-0.04
27 T	cis-1,2-Dichloroethene	0.575	0.670	-16.5	109	-0.04
28 T	Bromochloromethane	0.383	0.409	-6.8	102	-0.04
29	Tetrahydrofuran	0.065	0.071	-9.2	101	-0.04
30 C	Chloroform	0.913	1.018	-11.5#	105	-0.04
31 T	Cyclohexane	0.873	0.913	-4.6	99	-0.04
32 T	1,1,1-Trichloroethane	0.755	0.874	-15.8	109	-0.04
33 S	1,2-Dichloroethane-d4	0.346	0.384	-11.0	112	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	-0.03
35 S	Dibromofluoromethane	0.366	0.411	-12.3	115	-0.04
36 T	1,1-Dichloropropene	0.515	0.554	-7.6	105	-0.04
37 T	Ethyl Acetate	0.215	0.237	-10.2	107	-0.04
38 T	Carbon Tetrachloride	0.454	0.506	-11.5	107	-0.03
39 T	Methylcyclohexane	0.587	0.643	-9.5	104	-0.04
40 TM	Benzene	1.330	1.435	-7.9	105	-0.04
41 T	Methacrylonitrile	0.119	0.123	-3.4	96	-0.04
42 TM	1,2-Dichloroethane	0.330	0.360	-9.1	106	-0.04
43 T	Isopropyl Acetate	0.276	0.303	-9.8	103	-0.03
44 TM	Trichloroethene	0.394	0.440	-11.7	108	-0.04
45 C	1,2-Dichloropropane	0.326	0.354	-8.6#	107	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.205	-10.2	107	-0.04
47 T	Bromodichloromethane	0.441	0.499	-13.2	107	-0.04
48 T	Methyl methacrylate	0.168	0.188	-11.9	105	-0.04
49 T	1,4-Dioxane	0.002	0.002	0.0	105	-0.03
50 S	Toluene-d8	1.092	1.182	-8.2	110	-0.04
51 T	4-Methyl-2-Pentanone	0.169	0.187	-10.7	103	-0.03
52 CM	Toluene	0.834	0.908	-8.9#	105	-0.03
53 T	t-1,3-Dichloropropene	0.368	0.412	-12.0	105	-0.04
54 T	cis-1,3-Dichloropropene	0.481	0.536	-11.4	104	-0.04
55 T	1,1,2-Trichloroethane	0.224	0.246	-9.8	107	-0.03
56 T	Ethyl methacrylate	0.208	0.242	-16.3	103	-0.03
57 T	1,3-Dichloropropane	0.356	0.391	-9.8	107	-0.03
58 T	2-Chloroethyl Vinyl ether	0.123	0.125	-1.6	101	-0.04
59 T	2-Hexanone	0.119	0.132	-10.9	103	-0.04
60 T	Dibromochloromethane	0.286	0.332	-16.1	107	-0.03
61 T	1,2-Dibromoethane	0.233	0.262	-12.4	106	-0.03
62 S	4-Bromofluorobenzene	0.382	0.422	-10.5	116	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.02
64 T	Tetrachloroethene	0.453	0.524	-15.7	109	-0.04
65 PM	Chlorobenzene	1.105	1.252	-13.3	108	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.355	0.411	-15.8	108	-0.03
67 C	Ethyl Benzene	1.892	2.098	-10.9#	105	-0.02
68 T	m/p-Xylenes	0.691	0.777	-12.4	107	-0.02
69 T	o-Xylene	0.656	0.753	-14.8	107	-0.03
70 T	Styrene	1.056	1.211	-14.7	107	-0.03
71 P	Bromoform	0.234	0.288	-23.1#	112	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	-0.02
73 T	Isopropylbenzene	3.560	4.064	-14.2	109	-0.02
74 T	N-amyl acetate	0.840	0.985	-17.3	112	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.577	0.651	-12.8	106	-0.02
76 T	1,2,3-Trichloropropane	0.569	0.649	-14.1	109	-0.02
77 T	Bromobenzene	0.940	1.080	-14.9	109	-0.02
78 T	n-propylbenzene	4.551	5.014	-10.2	106	-0.02
79 T	2-Chlorotoluene	2.438	2.762	-13.3	108	-0.02
80 T	1,3,5-Trimethylbenzene	2.749	3.015	-9.7	106	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.157	0.192	-22.3#	111	-0.02
82 T	4-Chlorotoluene	2.763	2.972	-7.6	106	-0.02
83 T	tert-Butylbenzene	3.128	3.440	-10.0	106	-0.02
84 T	1,2,4-Trimethylbenzene	2.831	3.123	-10.3	105	-0.02
85 T	sec-Butylbenzene	3.815	4.379	-14.8	108	-0.02
86 T	p-Isopropyltoluene	3.080	3.454	-12.1	109	-0.02
87 T	1,3-Dichlorobenzene	1.725	1.899	-10.1	106	-0.03
88 T	1,4-Dichlorobenzene	1.700	1.887	-11.0	106	-0.02
89 T	n-Butylbenzene	3.147	3.347	-6.4	103	-0.02

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90 T	Hexachloroethane	0.757	0.904	-19.4	112	-0.02
91 T	1,2-Dichlorobenzene	1.384	1.446	-4.5	101	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.068	0.082	-20.6#	113	0.00
93 T	1,2,4-Trichlorobenzene	1.101	1.235	-12.2	104	-0.02
94 T	Hexachlorobutadiene	0.814	0.916	-12.5	108	-0.02
95 T	Naphthalene	1.309	1.500	-14.6	104	-0.02
96 T	1,2,3-Trichlorobenzene	0.861	0.982	-14.1	106	-0.02

(#) = Out of Range

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