

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060419\
 Data File : VD062609.D
 Acq On : 4 Jun 2019 20:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 05 04:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	79	-0.02
2 T	Dichlorodifluoromethane	0.580	0.626	-7.9	89	0.00
3 P	Chloromethane	0.668	0.510	23.7#	71	0.00
4 C	Vinyl Chloride	0.443	0.499	-12.6#	84	0.00
5 T	Bromomethane	0.144	0.279	-93.8#	114	0.00
6 T	Chloroethane	0.208	0.281	-35.1#	92	0.00
7 T	Trichlorofluoromethane	0.936	1.251	-33.7#	98	0.00
8 T	Diethyl Ether	0.120	0.169	-40.8#	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.649	-17.4	88	-0.02
10 T	Methyl Iodide	0.627	0.807	-28.7#	78	0.00
11 T	Tert butyl alcohol	0.025	0.032	-28.0#	96	-0.02
12 CM	1,1-Dichloroethene	0.391	0.483	-23.5#	90	0.00
13 T	Acrolein	0.011	0.008	27.3#	57	0.00
14 T	Allyl chloride	0.611	0.673	-10.1	77	0.00
15 T	Acrylonitrile	0.060	0.070	-16.7	86	-0.02
16 T	Acetone	0.115	0.137	-19.1	85	0.00
17 T	Carbon Disulfide	1.271	1.327	-4.4	76	0.00
18 T	Methyl Acetate	0.188	0.212	-12.8	97	-0.02
19 T	Methyl tert-butyl Ether	0.947	1.157	-22.2#	87	-0.02
20 T	Methylene Chloride	0.426	0.462	-8.5	82	-0.02
21 T	trans-1,2-Dichloroethene	0.444	0.495	-11.5	83	-0.02
22 T	Diisopropyl ether	1.248	1.488	-19.2	85	-0.02
23 T	Vinyl Acetate	0.757	0.933	-23.2#	86	-0.02
24 P	1,1-Dichloroethane	0.805	0.961	-19.4	85	-0.03
25 T	2-Butanone	0.108	0.125	-15.7	80	-0.02
26 T	2,2-Dichloropropane	0.893	1.081	-21.1#	88	-0.03
27 T	cis-1,2-Dichloroethene	0.456	0.539	-18.2	84	-0.03
28 T	Bromochloromethane	0.278	0.272	2.2	75	-0.03
29	Tetrahydrofuran	0.049	0.060	-22.4#	84	-0.03
30 C	Chloroform	0.970	1.270	-30.9#	92	-0.03
31 T	Cyclohexane	0.544	0.566	-4.0	74	-0.03
32 T	1,1,1-Trichloroethane	1.010	1.316	-30.3#	94	-0.03
33 S	1,2-Dichloroethane-d4	0.586	0.793	-35.3#	97	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	-0.02
35 S	Dibromofluoromethane	0.456	0.581	-27.4#	86	-0.02
36 T	1,1-Dichloropropene	0.498	0.589	-18.3	84	-0.03
37 T	Ethyl Acetate	0.210	0.234	-11.4	82	-0.02
38 T	Carbon Tetrachloride	0.741	1.033	-39.4#	95	-0.02
39 T	Methylcyclohexane	0.421	0.501	-19.0	86	-0.02
40 TM	Benzene	0.977	1.170	-19.8	84	-0.03
41 T	Methacrylonitrile	0.247	0.324	-31.2#	92	-0.03
42 TM	1,2-Dichloroethane	0.544	0.728	-33.8#	89	-0.03
43 T	Isopropyl Acetate	0.261	0.328	-25.7#	83	-0.02
44 TM	Trichloroethene	0.390	0.463	-18.7	84	-0.02
45 C	1,2-Dichloropropane	0.240	0.287	-19.6#	80	-0.03

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.201	0.271	-34.8#	91	-0.02
47 T	Bromodichloromethane	0.554	0.722	-30.3#	89	-0.02
48 T	Methyl methacrylate	0.174	0.235	-35.1#	90	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	89	-0.04
50 S	Toluene-d8	0.998	1.169	-17.1	82	-0.02
51 T	4-Methyl-2-Pentanone	0.182	0.235	-29.1#	88	-0.02
52 CM	Toluene	0.666	0.786	-18.0#	81	-0.02
53 T	t-1,3-Dichloropropene	0.468	0.601	-28.4#	85	-0.02
54 T	cis-1,3-Dichloropropene	0.487	0.610	-25.3#	84	-0.02
55 T	1,1,2-Trichloroethane	0.219	0.272	-24.2#	87	-0.02
56 T	Ethyl methacrylate	0.233	0.305	-30.9#	96	-0.02
57 T	1,3-Dichloropropane	0.337	0.409	-21.4#	84	-0.02
58 T	2-Chloroethyl Vinyl ether	0.120	0.142	-18.3	86	-0.02
59 T	2-Hexanone	0.128	0.165	-28.9#	85	-0.02
60 T	Dibromochloromethane	0.425	0.570	-34.1#	91	-0.02
61 T	1,2-Dibromoethane	0.263	0.345	-31.2#	89	-0.02
62 S	4-Bromofluorobenzene	0.450	0.583	-29.6#	92	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
64 T	Tetrachloroethene	0.442	0.506	-14.5	84	-0.02
65 PM	Chlorobenzene	0.974	1.186	-21.8#	86	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.461	0.582	-26.2#	87	0.00
67 C	Ethyl Benzene	1.785	2.100	-17.6#	84	0.00
68 T	m/p-Xylenes	0.617	0.747	-21.1#	90	-0.02
69 T	o-Xylene	0.589	0.690	-17.1	85	-0.02
70 T	Styrene	1.000	1.156	-15.6	85	-0.02
71 P	Bromoform	0.323	0.417	-29.1#	94	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	-0.02
73 T	Isopropylbenzene	3.296	3.884	-17.8	89	-0.02
74 T	N-amyl acetate	0.840	1.005	-19.6	91	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.523	0.665	-27.2#	89	-0.02
76 T	1,2,3-Trichloropropane	0.600	0.760	-26.7#	92	-0.02
77 T	Bromobenzene	0.904	1.080	-19.5	84	-0.02
78 T	n-propylbenzene	3.799	4.683	-23.3#	94	0.00
79 T	2-Chlorotoluene	2.203	2.627	-19.2	90	-0.02
80 T	1,3,5-Trimethylbenzene	2.817	3.146	-11.7	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.172	0.185	-7.6	78	-0.02
82 T	4-Chlorotoluene	2.637	3.083	-16.9	88	-0.02
83 T	tert-Butylbenzene	3.143	3.586	-14.1	87	0.00
84 T	1,2,4-Trimethylbenzene	2.870	3.197	-11.4	88	0.00
85 T	sec-Butylbenzene	3.329	3.939	-18.3	89	-0.02
86 T	p-Isopropyltoluene	3.111	3.657	-17.6	87	0.00
87 T	1,3-Dichlorobenzene	1.567	2.012	-28.4#	94	-0.02
88 T	1,4-Dichlorobenzene	1.570	1.926	-22.7#	87	-0.02
89 T	n-Butylbenzene	2.777	3.278	-18.0	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.825	1.040	-26.1#	92	-0.02
91 T	1,2-Dichlorobenzene	1.318	1.672	-26.9#	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.141	-30.6#	84	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.237	-17.4	84	-0.02
94 T	Hexachlorobutadiene	0.778	0.949	-22.0#	87	0.00
95 T	Naphthalene	1.435	1.809	-26.1#	88	-0.02
96 T	1,2,3-Trichlorobenzene	0.787	0.916	-16.4	83	-0.02

(#) = Out of Range

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