

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063602.D
 Acq On : 15 Aug 2019 13:28
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 15 15:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 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	-0.03
2 T	Dichlorodifluoromethane	0.605	0.621	-2.6	107	-0.01
3 P	Chloromethane	0.473	0.474	-0.2	110	-0.01
4 C	Vinyl Chloride	0.469	0.500	-6.6#	107	-0.02
5 T	Bromomethane	0.221	0.224	-1.4	97	-0.02
6 T	Chloroethane	0.215	0.220	-2.3	102	-0.01
7 T	Trichlorofluoromethane	0.920	0.987	-7.3	106	-0.01
8 T	Diethyl Ether	0.130	0.133	-2.3	105	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.543	0.554	-2.0	104	-0.02
10 T	Methyl Iodide	0.769	0.806	-4.8	102	-0.02
11 T	Tert butyl alcohol	0.023	0.027	-17.4	116	-0.03
12 CM	1,1-Dichloroethene	0.404	0.406	-0.5#	97	-0.02
13 T	Acrolein	0.023	0.022	4.3	107	-0.02
14 T	Allyl chloride	0.607	0.642	-5.8	109	-0.02
15 T	Acrylonitrile	0.062	0.070	-12.9	113	-0.03
16 T	Acetone	0.109	0.129	-18.3	109	-0.02
17 T	Carbon Disulfide	1.275	1.343	-5.3	109	-0.02
18 T	Methyl Acetate	0.206	0.188	8.7	102	-0.02
19 T	Methyl tert-butyl Ether	0.808	0.931	-15.2	116	-0.02
20 T	Methylene Chloride	0.470	0.454	3.4	105	-0.03
21 T	trans-1,2-Dichloroethene	0.425	0.478	-12.5	109	-0.03
22 T	Diisopropyl ether	1.253	1.320	-5.3	107	-0.02
23 T	Vinyl Acetate	0.729	0.799	-9.6	111	-0.03
24 P	1,1-Dichloroethane	0.777	0.833	-7.2	110	-0.03
25 T	2-Butanone	0.107	0.118	-10.3	110	-0.03
26 T	2,2-Dichloropropane	0.774	0.885	-14.3	116	-0.03
27 T	cis-1,2-Dichloroethene	0.465	0.502	-8.0	108	-0.03
28 T	Bromochloromethane	0.315	0.312	1.0	98	-0.03
29	Tetrahydrofuran	0.050	0.055	-10.0	111	-0.03
30 C	Chloroform	0.966	1.008	-4.3#	107	-0.03
31 T	Cyclohexane	0.483	0.524	-8.5	106	-0.03
32 T	1,1,1-Trichloroethane	0.924	0.997	-7.9	109	-0.03
33 S	1,2-Dichloroethane-d4	0.534	0.486	9.0	82	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	-0.03
35 S	Dibromofluoromethane	0.421	0.404	4.0	90	-0.02
36 T	1,1-Dichloropropene	0.442	0.465	-5.2	109	-0.03
37 T	Ethyl Acetate	0.185	0.191	-3.2	109	-0.04
38 T	Carbon Tetrachloride	0.666	0.698	-4.8	102	-0.02
39 T	Methylcyclohexane	0.376	0.369	1.9	98	-0.02
40 TM	Benzene	0.973	0.928	4.6	98	-0.03
41 T	Methacrylonitrile	0.233	0.249	-6.9	110	-0.03
42 TM	1,2-Dichloroethane	0.489	0.480	1.8	102	-0.03
43 T	Isopropyl Acetate	0.248	0.265	-6.9	113	-0.03
44 TM	Trichloroethene	0.372	0.401	-7.8	119	-0.02
45 C	1,2-Dichloropropane	0.227	0.243	-7.0#	115	-0.02

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.193	0.0	103	-0.02
47 T	Bromodichloromethane	0.496	0.516	-4.0	112	-0.02
48 T	Methyl methacrylate	0.168	0.159	5.4	100	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	100	-0.03
50 S	Toluene-d8	0.926	0.885	4.4	87	-0.02
51 T	4-Methyl-2-Pentanone	0.170	0.179	-5.3	117	-0.02
52 CM	Toluene	0.627	0.632	-0.8#	111	-0.03
53 T	t-1,3-Dichloropropene	0.405	0.439	-8.4	113	-0.02
54 T	cis-1,3-Dichloropropene	0.457	0.463	-1.3	104	-0.02
55 T	1,1,2-Trichloroethane	0.212	0.224	-5.7	114	-0.03
56 T	Ethyl methacrylate	0.230	0.235	-2.2	105	-0.02
57 T	1,3-Dichloropropane	0.320	0.323	-0.9	106	-0.02
58 T	2-Chloroethyl Vinyl ether	0.121	0.120	0.8	94	-0.02
59 T	2-Hexanone	0.124	0.138	-11.3	110	-0.02
60 T	Dibromochloromethane	0.385	0.410	-6.5	111	-0.02
61 T	1,2-Dibromoethane	0.256	0.263	-2.7	110	-0.02
62 S	4-Bromofluorobenzene	0.420	0.377	10.2	91	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	-0.02
64 T	Tetrachloroethene	0.386	0.401	-3.9	105	-0.03
65 PM	Chlorobenzene	0.937	1.047	-11.7	114	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.412	0.446	-8.3	109	-0.02
67 C	Ethyl Benzene	1.629	1.746	-7.2#	108	-0.02
68 T	m/p-Xylenes	0.572	0.632	-10.5	114	-0.02
69 T	o-Xylene	0.551	0.592	-7.4	108	-0.01
70 T	Styrene	0.980	1.024	-4.5	108	-0.01
71 P	Bromoform	0.283	0.319	-12.7	111	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.01
73 T	Isopropylbenzene	3.180	3.451	-8.5	99	-0.01
74 T	N-amyl acetate	0.798	0.955	-19.7	110	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.528	0.608	-15.2	107	-0.01
76 T	1,2,3-Trichloropropane	0.574	0.661	-15.2	107	-0.01
77 T	Bromobenzene	0.869	1.012	-16.5	111	-0.01
78 T	n-propylbenzene	3.721	4.169	-12.0	107	-0.02
79 T	2-Chlorotoluene	2.145	2.410	-12.4	109	-0.01
80 T	1,3,5-Trimethylbenzene	2.779	2.935	-5.6	99	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.154	0.186	-20.8#	112	-0.01
82 T	4-Chlorotoluene	2.580	2.702	-4.7	99	-0.01
83 T	tert-Butylbenzene	2.926	3.518	-20.2#	113	-0.01
84 T	1,2,4-Trimethylbenzene	2.571	2.944	-14.5	106	-0.02
85 T	sec-Butylbenzene	3.107	3.650	-17.5	117	-0.02
86 T	p-Isopropyltoluene	2.971	3.189	-7.3	98	-0.01
87 T	1,3-Dichlorobenzene	1.572	1.665	-5.9	101	-0.01
88 T	1,4-Dichlorobenzene	1.508	1.620	-7.4	102	-0.01
89 T	n-Butylbenzene	2.712	3.044	-12.2	110	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.847	-13.4	108	-0.01
91 T	1,2-Dichlorobenzene	1.334	1.491	-11.8	108	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.116	-17.2	113	-0.02
93 T	1,2,4-Trichlorobenzene	0.982	1.122	-14.3	103	-0.01
94 T	Hexachlorobutadiene	0.748	0.843	-12.7	104	-0.01
95 T	Naphthalene	1.487	1.617	-8.7	104	-0.01
96 T	1,2,3-Trichlorobenzene	0.793	0.914	-15.3	111	-0.01

(#) = Out of Range

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