

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD070319\
 Data File : VD063030.D
 Acq On : 3 Jul 2019 17:52
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 04 02:12:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	100	0.00
2 T	Dichlorodifluoromethane	0.647	0.558	13.8	87	0.00
3 P	Chloromethane	0.487	0.427	12.3	92	0.01
4 C	Vinyl Chloride	0.482	0.449	6.8#	91	0.01
5 T	Bromomethane	0.226	0.211	6.6	81	0.00
6 T	Chloroethane	0.218	0.216	0.9	92	0.00
7 T	Trichlorofluoromethane	0.976	0.968	0.8	97	0.00
8 T	Diethyl Ether	0.124	0.147	-18.5	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.545	-3.0	104	0.00
10 T	Methyl Iodide	0.698	0.719	-3.0	97	0.00
11 T	Tert butyl alcohol	0.025	0.032	-28.0#	136	0.01
12 CM	1,1-Dichloroethene	0.397	0.394	0.8#	99	0.00
13 T	Acrolein	0.025	0.020	20.0#	83	0.01
14 T	Allyl chloride	0.586	0.622	-6.1	101	0.00
15 T	Acrylonitrile	0.058	0.069	-19.0	117	0.00
16 T	Acetone	0.122	0.119	2.5	107	0.00
17 T	Carbon Disulfide	1.268	1.100	13.2	85	0.00
18 T	Methyl Acetate	0.164	0.207	-26.2#	129	0.00
19 T	Methyl tert-butyl Ether	0.859	0.997	-16.1	108	0.00
20 T	Methylene Chloride	0.414	0.412	0.5	101	0.00
21 T	trans-1,2-Dichloroethene	0.423	0.455	-7.6	106	0.00
22 T	Diisopropyl ether	1.192	1.304	-9.4	108	0.00
23 T	Vinyl Acetate	0.746	0.855	-14.6	111	0.00
24 P	1,1-Dichloroethane	0.776	0.824	-6.2	102	0.00
25 T	2-Butanone	0.102	0.124	-21.6#	118	0.01
26 T	2,2-Dichloropropane	0.823	0.868	-5.5	101	0.00
27 T	cis-1,2-Dichloroethene	0.447	0.479	-7.2	105	0.00
28 T	Bromochloromethane	0.273	0.300	-9.9	110	0.00
29	Tetrahydrofuran	0.048	0.058	-20.8#	120	0.01
30 C	Chloroform	0.944	1.030	-9.1#	106	0.00
31 T	Cyclohexane	0.510	0.525	-2.9	100	0.00
32 T	1,1,1-Trichloroethane	0.983	1.073	-9.2	103	0.00
33 S	1,2-Dichloroethane-d4	0.543	0.523	3.7	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.422	0.403	4.5	105	0.00
36 T	1,1-Dichloropropene	0.473	0.508	-7.4	104	0.01
37 T	Ethyl Acetate	0.217	0.220	-1.4	111	0.00
38 T	Carbon Tetrachloride	0.712	0.735	-3.2	102	0.00
39 T	Methylcyclohexane	0.417	0.432	-3.6	101	0.00
40 TM	Benzene	0.950	1.027	-8.1	105	0.00
41 T	Methacrylonitrile	0.250	0.288	-15.2	115	0.01
42 TM	1,2-Dichloroethane	0.518	0.571	-10.2	106	0.00
43 T	Isopropyl Acetate	0.248	0.303	-22.2#	116	0.00
44 TM	Trichloroethene	0.372	0.416	-11.8	108	0.00
45 C	1,2-Dichloropropane	0.236	0.255	-8.1#	108	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	0.203	0.235	-15.8	116	0.00
47 T	Bromodichloromethane	0.527	0.602	-14.2	106	0.00
48 T	Methyl methacrylate	0.176	0.198	-12.5	116	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	133	0.00
50 S	Toluene-d8	0.918	0.854	7.0	95	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.219	-24.4#	126	0.00
52 CM	Toluene	0.639	0.712	-11.4#	108	0.00
53 T	t-1,3-Dichloropropene	0.431	0.468	-8.6	107	0.00
54 T	cis-1,3-Dichloropropene	0.469	0.517	-10.2	107	0.00
55 T	1,1,2-Trichloroethane	0.219	0.242	-10.5	114	0.00
56 T	Ethyl methacrylate	0.234	0.282	-20.5#	117	0.00
57 T	1,3-Dichloropropane	0.336	0.387	-15.2	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.147	-22.5#	125	0.00
59 T	2-Hexanone	0.125	0.154	-23.2#	120	0.00
60 T	Dibromochloromethane	0.409	0.449	-9.8	108	0.00
61 T	1,2-Dibromoethane	0.259	0.297	-14.7	114	0.00
62 S	4-Bromofluorobenzene	0.417	0.386	7.4	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.412	0.408	1.0	103	0.00
65 PM	Chlorobenzene	0.928	0.996	-7.3	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.434	0.466	-7.4	107	0.00
67 C	Ethyl Benzene	1.666	1.738	-4.3#	108	0.00
68 T	m/p-Xylenes	0.580	0.646	-11.4	109	0.00
69 T	o-Xylene	0.530	0.561	-5.8	101	0.00
70 T	Styrene	0.932	1.003	-7.6	106	0.00
71 P	Bromoform	0.297	0.349	-17.5	116	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.206	3.579	-11.6	110	0.00
74 T	N-amyl acetate	0.779	0.961	-23.4#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.522	0.670	-28.4#	132	0.00
76 T	1,2,3-Trichloropropane	0.577	0.718	-24.4#	122	0.00
77 T	Bromobenzene	0.862	0.981	-13.8	108	0.00
78 T	n-propylbenzene	3.731	4.013	-7.6	110	0.00
79 T	2-Chlorotoluene	2.132	2.328	-9.2	108	0.00
80 T	1,3,5-Trimethylbenzene	2.693	3.016	-12.0	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.151	0.185	-22.5#	120	0.00
82 T	4-Chlorotoluene	2.567	2.834	-10.4	112	0.00
83 T	tert-Butylbenzene	3.002	3.238	-7.9	105	0.00
84 T	1,2,4-Trimethylbenzene	2.760	3.083	-11.7	107	0.00
85 T	sec-Butylbenzene	3.262	3.411	-4.6	106	0.00
86 T	p-Isopropyltoluene	2.984	3.256	-9.1	103	0.00
87 T	1,3-Dichlorobenzene	1.546	1.683	-8.9	106	0.00
88 T	1,4-Dichlorobenzene	1.553	1.690	-8.8	107	0.00
89 T	n-Butylbenzene	2.793	2.988	-7.0	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.890	-11.0	104	0.00
91 T	1,2-Dichlorobenzene	1.322	1.569	-18.7	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.128	-25.5#	119	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.133	-9.7	112	0.00
94 T	Hexachlorobutadiene	0.789	0.800	-1.4	100	0.00
95 T	Naphthalene	1.448	1.753	-21.1#	115	0.00
96 T	1,2,3-Trichlorobenzene	0.794	0.902	-13.6	113	0.00

(#) = Out of Range

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