

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009253.D
 Acq On : 19 Mar 2019 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 4.01G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 20 08:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 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	95	0.00
2 T	Dichlorodifluoromethane	0.326	0.222	31.9#	76	0.00
3 P	Chloromethane	0.362	0.373	-3.0	106	0.00
4 C	Vinyl Chloride	0.532	0.511	3.9#	103	0.00
5 T	Bromomethane	0.434	0.400	7.8	98	0.00
6 T	Chloroethane	0.413	0.392	5.1	96	0.00
7 T	Trichlorofluoromethane	0.348	0.324	6.9	91	0.00
8 T	Diethyl Ether	0.251	0.275	-9.6	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.505	0.447	11.5	89	0.00
10 T	Methyl Iodide	0.728	0.694	4.7	95	0.00
11 T	Tert butyl alcohol	0.031	0.035	-12.9	110	0.01
12 CM	1,1-Dichloroethene	0.477	0.430	9.9#	92	0.00
13 T	Acrolein	0.025	0.025	0.0	94	0.00
14 T	Allyl chloride	0.703	0.717	-2.0	100	0.00
15 T	Acrylonitrile	0.106	0.113	-6.6	102	0.00
16 T	Acetone	0.109	0.108	0.9	94	0.00
17 T	Carbon Disulfide	1.330	1.181	11.2	91	0.00
18 T	Methyl Acetate	0.280	0.303	-8.2	104	0.00
19 T	Methyl tert-butyl Ether	0.586	0.674	-15.0	110	0.00
20 T	Methylene Chloride	0.509	0.481	5.5	99	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.471	4.1	96	0.00
22 T	Diisopropyl ether	1.517	1.616	-6.5	103	0.00
23 T	Vinyl Acetate	0.952	1.038	-9.0	102	0.00
24 P	1,1-Dichloroethane	0.936	0.909	2.9	97	0.00
25 T	2-Butanone	0.156	0.170	-9.0	103	0.00
26 T	2,2-Dichloropropane	0.523	0.487	6.9	93	0.00
27 T	cis-1,2-Dichloroethene	0.532	0.542	-1.9	99	0.00
28 T	Bromochloromethane	0.411	0.442	-7.5	101	0.00
29 T	Tetrahydrofuran	0.099	0.111	-12.1	106	0.00
30 C	Chloroform	0.974	0.959	1.5#	97	0.00
31 T	Cyclohexane	0.873	0.781	10.5	93	0.00
32 T	1,1,1-Trichloroethane	0.777	0.756	2.7	97	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.560	-5.3	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.317	0.303	4.4	94	0.00
36 T	1,1-Dichloropropene	0.498	0.450	9.6	94	0.00
37 T	Ethyl Acetate	0.227	0.241	-6.2	106	0.00
38 T	Carbon Tetrachloride	0.527	0.469	11.0	94	0.00
39 T	Methylcyclohexane	0.576	0.529	8.2	91	0.00
40 TM	Benzene	1.349	1.273	5.6	98	0.00
41 T	Methacrylonitrile	0.122	0.145	-18.9	118	0.00
42 TM	1,2-Dichloroethane	0.441	0.434	1.6	101	0.00
43 T	Isopropyl Acetate	0.455	0.476	-4.6	106	0.00
44 TM	Trichloroethene	0.370	0.330	10.8	93	0.00
45 C	1,2-Dichloropropane	0.343	0.328	4.4#	98	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	0.189	0.186	1.6	102	0.00
47 T	Bromodichloromethane	0.477	0.464	2.7	100	0.00
48 T	Methyl methacrylate	0.210	0.224	-6.7	103	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	105	0.00
50 S	Toluene-d8	1.153	1.133	1.7	94	0.00
51 T	4-Methyl-2-Pentanone	0.237	0.254	-7.2	105	0.00
52 CM	Toluene	0.855	0.807	5.6#	97	0.00
53 T	t-1,3-Dichloropropene	0.465	0.470	-1.1	100	0.00
54 T	cis-1,3-Dichloropropene	0.523	0.520	0.6	100	0.00
55 T	1,1,2-Trichloroethane	0.255	0.251	1.6	100	0.00
56 T	Ethyl methacrylate	0.304	0.335	-10.2	105	0.00
57 T	1,3-Dichloropropane	0.440	0.440	0.0	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.089	0.182	-104.5#	540#	0.00
59 T	2-Hexanone	0.161	0.176	-9.3	105	0.00
60 T	Dibromochloromethane	0.316	0.309	2.2	98	0.00
61 T	1,2-Dibromoethane	0.243	0.249	-2.5	104	0.00
62 S	4-Bromofluorobenzene	0.423	0.437	-3.3	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.342	0.316	7.6	97	0.00
65 PM	Chlorobenzene	1.034	0.963	6.9	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.359	7.0	97	0.00
67 C	Ethyl Benzene	1.791	1.706	4.7#	96	0.00
68 T	m/p-Xylenes	0.694	0.661	4.8	97	0.00
69 T	o-Xylene	0.645	0.634	1.7	100	0.00
70 T	Styrene	1.063	1.061	0.2	100	0.00
71 P	Bromoform	0.211	0.206	2.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.342	3.276	2.0	96	0.00
74 T	N-amyl acetate	0.872	0.941	-7.9	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.625	0.636	-1.8	105	0.00
76 T	1,2,3-Trichloropropane	0.470	0.442	6.0	104	0.00
77 T	Bromobenzene	0.792	0.764	3.5	99	0.00
78 T	n-propylbenzene	4.104	3.968	3.3	95	0.00
79 T	2-Chlorotoluene	2.332	2.265	2.9	97	0.00
80 T	1,3,5-Trimethylbenzene	2.842	2.830	0.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.191	0.193	-1.0	97	0.00
82 T	4-Chlorotoluene	2.456	2.400	2.3	98	0.00
83 T	tert-Butylbenzene	2.429	2.454	-1.0	98	0.00
84 T	1,2,4-Trimethylbenzene	2.914	2.902	0.4	98	0.00
85 T	sec-Butylbenzene	3.589	3.541	1.3	96	0.00
86 T	p-Isopropyltoluene	3.196	3.146	1.6	95	0.00
87 T	1,3-Dichlorobenzene	1.638	1.558	4.9	97	0.00
88 T	1,4-Dichlorobenzene	1.631	1.539	5.6	98	0.00
89 T	n-Butylbenzene	3.068	3.023	1.5	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.630	0.604	4.1	96	0.00
91 T	1,2-Dichlorobenzene	1.469	1.430	2.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.112	0.114	-1.8	100	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.981	0.6	99	0.00
94 T	Hexachlorobutadiene	0.627	0.579	7.7	94	0.00
95 T	Naphthalene	1.709	1.896	-10.9	103	0.00
96 T	1,2,3-Trichlorobenzene	0.881	0.880	0.1	98	0.00

(#) = Out of Range

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