

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062719\
 Data File : VD062946.D
 Acq On : 27 Jun 2019 21:55
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 28 05:10:30 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	74	-0.03
2 T	Dichlorodifluoromethane	0.647	0.656	-1.4	76	-0.01
3 P	Chloromethane	0.487	0.470	3.5	75	0.00
4 C	Vinyl Chloride	0.482	0.494	-2.5#	75	-0.01
5 T	Bromomethane	0.226	0.207	8.4	59	-0.02
6 T	Chloroethane	0.218	0.251	-15.1	80	-0.01
7 T	Trichlorofluoromethane	0.976	1.100	-12.7	82	-0.02
8 T	Diethyl Ether	0.124	0.156	-25.8#	83	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.529	0.548	-3.6	78	-0.03
10 T	Methyl Iodide	0.698	0.720	-3.2	73	-0.03
11 T	Tert butyl alcohol	0.025	0.032	-28.0#	101	-0.03
12 CM	1,1-Dichloroethene	0.397	0.384	3.3#	72	-0.03
13 T	Acrolein	0.025	0.025	0.0	79	-0.02
14 T	Allyl chloride	0.586	0.648	-10.6	78	-0.03
15 T	Acrylonitrile	0.058	0.069	-19.0	87	-0.03
16 T	Acetone	0.122	0.137	-12.3	92	-0.03
17 T	Carbon Disulfide	1.268	1.217	4.0	70	-0.03
18 T	Methyl Acetate	0.164	0.237	-44.5#	110	-0.02
19 T	Methyl tert-butyl Ether	0.859	0.987	-14.9	80	-0.03
20 T	Methylene Chloride	0.414	0.457	-10.4	83	-0.03
21 T	trans-1,2-Dichloroethene	0.423	0.461	-9.0	80	-0.04
22 T	Diisopropyl ether	1.192	1.384	-16.1	85	-0.04
23 T	Vinyl Acetate	0.746	0.867	-16.2	84	-0.03
24 P	1,1-Dichloroethane	0.776	0.884	-13.9	82	-0.04
25 T	2-Butanone	0.102	0.131	-28.4#	93	-0.03
26 T	2,2-Dichloropropane	0.823	0.882	-7.2	76	-0.03
27 T	cis-1,2-Dichloroethene	0.447	0.518	-15.9	85	-0.04
28 T	Bromochloromethane	0.273	0.319	-16.8	87	-0.04
29	Tetrahydrofuran	0.048	0.060	-25.0#	94	-0.04
30 C	Chloroform	0.944	1.133	-20.0#	87	-0.04
31 T	Cyclohexane	0.510	0.509	0.2	73	-0.04
32 T	1,1,1-Trichloroethane	0.983	1.149	-16.9	83	-0.03
33 S	1,2-Dichloroethane-d4	0.543	0.600	-10.5	86	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	-0.03
35 S	Dibromofluoromethane	0.422	0.416	1.4	82	-0.03
36 T	1,1-Dichloropropene	0.473	0.519	-9.7	81	-0.03
37 T	Ethyl Acetate	0.217	0.234	-7.8	90	-0.03
38 T	Carbon Tetrachloride	0.712	0.783	-10.0	82	-0.04
39 T	Methylcyclohexane	0.417	0.412	1.2	73	-0.03
40 TM	Benzene	0.950	1.059	-11.5	83	-0.03
41 T	Methacrylonitrile	0.250	0.296	-18.4	90	-0.02
42 TM	1,2-Dichloroethane	0.518	0.670	-29.3#	94	-0.03
43 T	Isopropyl Acetate	0.248	0.316	-27.4#	92	-0.02
44 TM	Trichloroethene	0.372	0.398	-7.0	79	-0.03
45 C	1,2-Dichloropropane	0.236	0.254	-7.6#	82	-0.03

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.203	0.251	-23.6#	94	-0.03
47 T	Bromodichloromethane	0.527	0.658	-24.9#	89	-0.03
48 T	Methyl methacrylate	0.176	0.214	-21.6#	95	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	104	-0.03
50 S	Toluene-d8	0.918	0.900	2.0	76	-0.03
51 T	4-Methyl-2-Pentanone	0.176	0.224	-27.3#	98	-0.02
52 CM	Toluene	0.639	0.693	-8.5#	80	-0.02
53 T	t-1,3-Dichloropropene	0.431	0.528	-22.5#	92	-0.02
54 T	cis-1,3-Dichloropropene	0.469	0.493	-5.1	78	-0.02
55 T	1,1,2-Trichloroethane	0.219	0.251	-14.6	90	-0.02
56 T	Ethyl methacrylate	0.234	0.272	-16.2	86	-0.02
57 T	1,3-Dichloropropane	0.336	0.413	-22.9#	92	-0.02
58 T	2-Chloroethyl Vinyl ether	0.120	0.147	-22.5#	95	-0.03
59 T	2-Hexanone	0.125	0.169	-35.2#	100	-0.02
60 T	Dibromochloromethane	0.409	0.515	-25.9#	95	-0.03
61 T	1,2-Dibromoethane	0.259	0.325	-25.5#	95	-0.02
62 S	4-Bromofluorobenzene	0.417	0.443	-6.2	86	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	-0.02
64 T	Tetrachloroethene	0.412	0.548	-33.0#	98	-0.02
65 PM	Chlorobenzene	0.928	1.073	-15.6	81	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.434	0.558	-28.6#	92	-0.01
67 C	Ethyl Benzene	1.666	2.018	-21.1#	89	-0.02
68 T	m/p-Xylenes	0.580	0.705	-21.6#	85	-0.01
69 T	o-Xylene	0.530	0.680	-28.3#	87	-0.02
70 T	Styrene	0.932	1.137	-22.0#	86	-0.01
71 P	Bromoform	0.297	0.388	-30.6#	92	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	-0.01
73 T	Isopropylbenzene	3.206	3.541	-10.4	89	-0.01
74 T	N-amyl acetate	0.779	0.955	-22.6#	92	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.522	0.618	-18.4	99	-0.01
76 T	1,2,3-Trichloropropane	0.577	0.716	-24.1#	99	-0.01
77 T	Bromobenzene	0.862	0.964	-11.8	86	-0.01
78 T	n-propylbenzene	3.731	3.991	-7.0	89	-0.02
79 T	2-Chlorotoluene	2.132	2.432	-14.1	91	-0.01
80 T	1,3,5-Trimethylbenzene	2.693	3.008	-11.7	91	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.151	0.169	-11.9	89	-0.01
82 T	4-Chlorotoluene	2.567	2.936	-14.4	94	-0.01
83 T	tert-Butylbenzene	3.002	3.005	-0.1	79	-0.01
84 T	1,2,4-Trimethylbenzene	2.760	3.174	-15.0	89	-0.02
85 T	sec-Butylbenzene	3.262	3.444	-5.6	87	-0.01
86 T	p-Isopropyltoluene	2.984	3.051	-2.2	78	-0.01
87 T	1,3-Dichlorobenzene	1.546	1.588	-2.7	81	-0.01
88 T	1,4-Dichlorobenzene	1.553	1.718	-10.6	88	-0.01
89 T	n-Butylbenzene	2.793	2.854	-2.2	85	-0.01

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.889	-10.8	84	-0.01
91 T	1,2-Dichlorobenzene	1.322	1.470	-11.2	89	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.127	-24.5#	96	0.00
93 T	1,2,4-Trichlorobenzene	1.033	1.149	-11.2	92	-0.01
94 T	Hexachlorobutadiene	0.789	0.839	-6.3	85	-0.01
95 T	Naphthalene	1.448	1.648	-13.8	88	-0.01
96 T	1,2,3-Trichlorobenzene	0.794	0.964	-21.4#	98	-0.01

(#) = Out of Range

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