

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052319\
 Data File : VW010541.D
 Acq On : 23 May 2019 21:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 09:25:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 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	92	0.00
2 T	Dichlorodifluoromethane	0.468	0.400	14.5	79	0.00
3 P	Chloromethane	0.525	0.453	13.7	76	0.00
4 C	Vinyl Chloride	0.609	0.502	17.6#	75	0.00
5 T	Bromomethane	0.419	0.372	11.2	82	0.00
6 T	Chloroethane	0.391	0.348	11.0	79	0.00
7 T	Trichlorofluoromethane	0.898	0.854	4.9	88	0.00
8 T	Diethyl Ether	0.285	0.288	-1.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.531	4.0	89	0.00
10 T	Methyl Iodide	0.632	0.625	1.1	86	0.00
11 T	Tert butyl alcohol	0.046	0.048	-4.3	102	0.00
12 CM	1,1-Dichloroethene	0.528	0.509	3.6#	89	0.00
13 T	Acrolein	0.032	0.026	18.8	104	0.00
14 T	Allyl chloride	0.764	0.721	5.6	86	0.00
15 T	Acrylonitrile	0.119	0.118	0.8	93	0.00
16 T	Acetone	0.105	0.096	8.6	82	0.00
17 T	Carbon Disulfide	1.575	1.439	8.6	82	0.00
18 T	Methyl Acetate	0.258	0.250	3.1	98	0.00
19 T	Methyl tert-butyl Ether	1.346	1.384	-2.8	94	0.00
20 T	Methylene Chloride	0.751	0.554	26.2#	80	0.00
21 T	trans-1,2-Dichloroethene	0.606	0.591	2.5	90	0.00
22 T	Diisopropyl ether	1.568	1.528	2.6	89	0.00
23 T	Vinyl Acetate	0.936	0.925	1.2	89	0.00
24 P	1,1-Dichloroethane	0.935	0.928	0.7	90	0.00
25 T	2-Butanone	0.151	0.151	0.0	94	0.00
26 T	2,2-Dichloropropane	0.891	0.815	8.5	84	0.00
27 T	cis-1,2-Dichloroethene	0.659	0.664	-0.8	92	0.00
28 T	Bromochloromethane	0.335	0.345	-3.0	93	0.00
29 T	Tetrahydrofuran	0.102	0.100	2.0	94	0.00
30 C	Chloroform	1.009	1.019	-1.0#	92	0.00
31 T	Cyclohexane	0.980	0.850	13.3	83	0.00
32 T	1,1,1-Trichloroethane	0.964	0.931	3.4	88	0.00
33 S	1,2-Dichloroethane-d4	0.516	0.535	-3.7	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.303	0.318	-5.0	95	0.00
36 T	1,1-Dichloropropene	0.466	0.440	5.6	87	0.00
37 T	Ethyl Acetate	0.198	0.200	-1.0	94	0.00
38 T	Carbon Tetrachloride	0.502	0.482	4.0	87	0.00
39 T	Methylcyclohexane	0.624	0.586	6.1	85	0.00
40 TM	Benzene	1.295	1.307	-0.9	92	0.00
41 T	Methacrylonitrile	0.118	0.112	5.1	94	0.00
42 TM	1,2-Dichloroethane	0.370	0.374	-1.1	93	0.00
43 T	Isopropyl Acetate	0.396	0.390	1.5	92	0.00
44 TM	Trichloroethene	0.384	0.387	-0.8	92	0.00
45 C	1,2-Dichloropropane	0.307	0.308	-0.3#	91	0.00

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46 T	Dibromomethane	0.180	0.185	-2.8	94	0.00
47 T	Bromodichloromethane	0.452	0.450	0.4	90	0.00
48 T	Methyl methacrylate	0.181	0.174	3.9	89	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.159	1.194	-3.0	93	0.00
51 T	4-Methyl-2-Pentanone	0.201	0.201	0.0	93	0.00
52 CM	Toluene	0.869	0.872	-0.3#	92	0.00
53 T	t-1,3-Dichloropropene	0.458	0.450	1.7	89	0.00
54 T	cis-1,3-Dichloropropene	0.523	0.520	0.6	90	0.00
55 T	1,1,2-Trichloroethane	0.259	0.272	-5.0	96	0.00
56 T	Ethyl methacrylate	0.357	0.358	-0.3	92	0.00
57 T	1,3-Dichloropropane	0.433	0.448	-3.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.168	-6.3	101	0.00
59 T	2-Hexanone	0.143	0.140	2.1	91	0.00
60 T	Dibromochloromethane	0.327	0.342	-4.6	95	0.00
61 T	1,2-Dibromoethane	0.262	0.275	-5.0	95	0.00
62 S	4-Bromofluorobenzene	0.462	0.467	-1.1	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.349	0.366	-4.9	98	0.00
65 PM	Chlorobenzene	1.066	1.071	-0.5	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.386	-1.0	93	0.00
67 C	Ethyl Benzene	1.881	1.805	4.0#	90	0.00
68 T	m/p-Xylenes	0.738	0.722	2.2	91	0.00
69 T	o-Xylene	0.699	0.700	-0.1	94	0.00
70 T	Styrene	1.186	1.194	-0.7	94	0.00
71 P	Bromoform	0.210	0.213	-1.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.968	3.735	5.9	91	0.00
74 T	N-amyl acetate	0.909	0.828	8.9	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.722	0.683	5.4	94	0.00
76 T	1,2,3-Trichloropropane	0.508	0.468	7.9	93	0.00
77 T	Bromobenzene	0.888	0.893	-0.6	96	0.00
78 T	n-propylbenzene	4.624	4.228	8.6	89	0.00
79 T	2-Chlorotoluene	2.681	2.503	6.6	91	0.00
80 T	1,3,5-Trimethylbenzene	3.360	3.151	6.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.243	0.211	13.2	84	0.00
82 T	4-Chlorotoluene	2.783	2.621	5.8	92	0.00
83 T	tert-Butylbenzene	2.935	2.715	7.5	90	0.00
84 T	1,2,4-Trimethylbenzene	3.347	3.164	5.5	91	0.00
85 T	sec-Butylbenzene	4.108	3.765	8.3	89	0.00
86 T	p-Isopropyltoluene	3.718	3.424	7.9	88	0.00
87 T	1,3-Dichlorobenzene	1.742	1.692	2.9	93	0.00
88 T	1,4-Dichlorobenzene	1.748	1.721	1.5	93	0.00
89 T	n-Butylbenzene	3.537	3.206	9.4	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.720	0.658	8.6	87	0.00
91 T	1,2-Dichlorobenzene	1.587	1.586	0.1	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.134	0.124	7.5	91	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.092	-1.1	93	0.00
94 T	Hexachlorobutadiene	0.577	0.566	1.9	89	0.00
95 T	Naphthalene	2.267	2.251	0.7	92	0.00
96 T	1,2,3-Trichlorobenzene	0.929	0.955	-2.8	94	0.00

(#) = Out of Range

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