

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005004.D
 Acq On : 29 Aug 2018 15:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082918

Quant Time: Aug 30 01:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 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	111	0.00
2 T	Dichlorodifluoromethane	0.432	0.391	9.5	110	0.00
3 P	Chloromethane	0.613	0.569	7.2	111	0.00
4 C	Vinyl Chloride	0.612	0.573	6.4#	111	0.00
5 T	Bromomethane	0.400	0.371	7.3	113	0.00
6 T	Chloroethane	0.362	0.342	5.5	111	0.00
7 T	Trichlorofluoromethane	0.633	0.596	5.8	106	0.00
8 T	Diethyl Ether	0.180	0.176	2.2	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.391	0.367	6.1	107	0.00
10 T	Methyl Iodide	0.534	0.526	1.5	98	0.00
11 T	Tert butyl alcohol	0.025	0.022	12.0	114	0.00
12 CM	1,1-Dichloroethene	0.365	0.351	3.8#	108	0.00
13 T	Acrolein	0.029	0.026	10.3	101	0.00
14 T	Allyl chloride	0.562	0.562	0.0	111	0.00
15 T	Acrylonitrile	0.092	0.089	3.3	110	0.00
16 T	Acetone	0.077	0.070	9.1	108	0.00
17 T	Carbon Disulfide	1.535	1.470	4.2	108	0.00
18 T	Methyl Acetate	0.187	0.174	7.0	109	0.00
19 T	Methyl tert-butyl Ether	0.785	0.810	-3.2	112	0.00
20 T	Methylene Chloride	0.650	0.527	18.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.396	0.378	4.5	107	0.00
22 T	Diisopropyl ether	1.148	1.218	-6.1	110	0.00
23 T	Vinyl Acetate	0.587	0.621	-5.8	111	0.00
24 P	1,1-Dichloroethane	0.694	0.662	4.6	107	0.00
25 T	2-Butanone	0.120	0.119	0.8	112	0.00
26 T	2,2-Dichloropropane	0.609	0.603	1.0	113	0.00
27 T	cis-1,2-Dichloroethene	0.431	0.418	3.0	111	0.00
28 T	Bromochloromethane	0.305	0.292	4.3	104	0.00
29 T	Tetrahydrofuran	0.061	0.060	1.6	113	0.00
30 C	Chloroform	0.683	0.642	6.0#	107	0.00
31 T	Cyclohexane	0.736	0.752	-2.2	109	0.00
32 T	1,1,1-Trichloroethane	0.628	0.617	1.8	107	0.00
33 S	1,2-Dichloroethane-d4	0.342	0.323	5.6	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.248	0.237	4.4	111	0.00
36 T	1,1-Dichloropropene	0.424	0.437	-3.1	108	0.00
37 T	Ethyl Acetate	0.153	0.155	-1.3	115	0.00
38 T	Carbon Tetrachloride	0.410	0.391	4.6	107	0.00
39 T	Methylcyclohexane	0.584	0.605	-3.6	111	0.00
40 TM	Benzene	1.356	1.368	-0.9	108	0.00
41 T	Methacrylonitrile	0.089	0.090	-1.1	118	0.00
42 TM	1,2-Dichloroethane	0.302	0.278	7.9	107	0.00
43 T	Isopropyl Acetate	0.304	0.304	0.0	111	0.00
44 TM	Trichloroethene	0.346	0.349	-0.9	108	0.00
45 C	1,2-Dichloropropane	0.310	0.312	-0.6#	107	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.147	0.137	6.8	109	0.00
47 T	Bromodichloromethane	0.363	0.348	4.1	108	0.00
48 T	Methyl methacrylate	0.161	0.173	-7.5	111	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	108	0.00
50 S	Toluene-d8	1.360	1.364	-0.3	114	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.231	-1.3	111	0.00
52 CM	Toluene	1.006	0.983	2.3#	109	0.00
53 T	t-1,3-Dichloropropene	0.388	0.400	-3.1	110	0.00
54 T	cis-1,3-Dichloropropene	0.452	0.468	-3.5	109	0.00
55 T	1,1,2-Trichloroethane	0.240	0.232	3.3	109	0.00
56 T	Ethyl methacrylate	0.315	0.328	-4.1	112	0.00
57 T	1,3-Dichloropropane	0.396	0.396	0.0	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.144	-5.9	110	0.00
59 T	2-Hexanone	0.165	0.172	-4.2	115	0.00
60 T	Dibromochloromethane	0.264	0.265	-0.4	108	0.00
61 T	1,2-Dibromoethane	0.225	0.226	-0.4	110	0.00
62 S	4-Bromofluorobenzene	0.496	0.491	1.0	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.365	0.361	1.1	105	0.00
65 PM	Chlorobenzene	1.099	1.091	0.7	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.302	0.312	-3.3	108	0.00
67 C	Ethyl Benzene	1.881	1.945	-3.4#	110	0.00
68 T	m/p-Xylenes	0.767	0.784	-2.2	108	0.00
69 T	o-Xylene	0.701	0.731	-4.3	109	0.00
70 T	Styrene	1.163	1.211	-4.1	108	0.00
71 P	Bromoform	0.168	0.171	-1.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.333	3.588	-7.7	110	0.00
74 T	N-amyl acetate	0.629	0.682	-8.4	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.505	0.526	-4.2	110	0.00
76 T	1,2,3-Trichloropropane	0.354	0.428	-20.9#	131	0.00
77 T	Bromobenzene	0.818	0.837	-2.3	108	0.00
78 T	n-propylbenzene	4.111	4.378	-6.5	109	0.00
79 T	2-Chlorotoluene	2.375	2.468	-3.9	108	0.00
80 T	1,3,5-Trimethylbenzene	2.945	3.101	-5.3	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.157	0.172	-9.6	112	0.00
82 T	4-Chlorotoluene	2.530	2.628	-3.9	110	0.00
83 T	tert-Butylbenzene	2.473	2.650	-7.2	109	0.00
84 T	1,2,4-Trimethylbenzene	2.988	3.170	-6.1	108	0.00
85 T	sec-Butylbenzene	3.631	3.869	-6.6	109	0.00
86 T	p-Isopropyltoluene	3.253	3.496	-7.5	109	0.00
87 T	1,3-Dichlorobenzene	1.734	1.750	-0.9	108	0.00
88 T	1,4-Dichlorobenzene	1.717	1.721	-0.2	108	0.00
89 T	n-Butylbenzene	3.054	3.303	-8.2	110	0.00

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90 T	Hexachloroethane	0.511	0.534	-4.5	109	0.00
91 T	1,2-Dichlorobenzene	1.526	1.551	-1.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.090	-3.4	113	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.141	-6.7	111	0.00
94 T	Hexachlorobutadiene	0.669	0.684	-2.2	108	0.00
95 T	Naphthalene	1.754	1.973	-12.5	115	0.00
96 T	1,2,3-Trichlorobenzene	0.945	1.006	-6.5	112	0.00

(#) = Out of Range

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