

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015098.D
 Acq On : 09 Mar 2020 13:25
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030920

Quant Time: Mar 10 18:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	0.303	0.346	-14.2	138	0.00
3 P	Chloromethane	0.651	0.651	0.0	121	0.00
4 C	Vinyl Chloride	0.852	0.835	2.0#	113	0.00
5 T	Bromomethane	0.487	0.457	6.2	113	0.00
6 T	Chloroethane	0.493	0.492	0.2	112	0.00
7 T	Trichlorofluoromethane	0.426	0.431	-1.2	110	0.00
8 T	Diethyl Ether	0.325	0.322	0.9	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.650	0.634	2.5	111	0.00
10 T	Methyl Iodide	0.723	0.709	1.9	109	0.00
11 T	Tert butyl alcohol	0.042	0.039	7.1	103	0.00
12 CM	1,1-Dichloroethene	0.635	0.642	-1.1#	112	0.00
13 T	Acrolein	0.062	0.055	11.3	96	0.00
14 T	Allyl chloride	1.273	1.329	-4.4	113	0.00
15 T	Acrylonitrile	0.166	0.158	4.8	100	0.00
16 T	Acetone	0.168	0.192	-14.3	119	0.00
17 T	Carbon Disulfide	2.252	2.221	1.4	109	0.00
18 T	Methyl Acetate	0.397	0.363	8.6	99	0.00
19 T	Methyl tert-butyl Ether	0.813	0.829	-2.0	105	0.00
20 T	Methylene Chloride	0.776	0.694	10.6	109	0.00
21 T	trans-1,2-Dichloroethene	0.674	0.670	0.6	109	0.00
22 T	Diisopropyl ether	2.443	2.509	-2.7	107	0.00
23 T	Vinyl Acetate	1.442	1.490	-3.3	104	0.00
24 P	1,1-Dichloroethane	1.425	1.387	2.7	108	0.00
25 T	2-Butanone	0.230	0.236	-2.6	104	0.00
26 T	2,2-Dichloropropane	0.815	0.787	3.4	110	0.00
27 T	cis-1,2-Dichloroethene	0.702	0.700	0.3	108	0.00
28 T	Bromochloromethane	0.683	0.673	1.5	105	0.00
29 T	Tetrahydrofuran	0.144	0.140	2.8	97	0.00
30 C	Chloroform	1.264	1.202	4.9#	106	0.00
31 T	Cyclohexane	1.465	1.421	3.0	109	0.00
32 T	1,1,1-Trichloroethane	0.987	0.970	1.7	109	0.00
33 S	1,2-Dichloroethane-d4	0.735	0.674	8.3	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.299	0.281	6.0	101	0.00
36 T	1,1-Dichloropropene	0.580	0.589	-1.6	108	0.00
37 T	Ethyl Acetate	0.289	0.272	5.9	99	0.00
38 T	Carbon Tetrachloride	0.472	0.470	0.4	109	0.00
39 T	Methylcyclohexane	0.663	0.704	-6.2	110	0.00
40 TM	Benzene	1.611	1.587	1.5	107	0.00
41 T	Methacrylonitrile	0.153	0.170	-11.1	116	0.00
42 TM	1,2-Dichloroethane	0.491	0.473	3.7	104	0.00
43 T	Isopropyl Acetate	0.518	0.503	2.9	100	0.00
44 TM	Trichloroethene	0.343	0.337	1.7	107	0.00
45 C	1,2-Dichloropropane	0.434	0.421	3.0#	104	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.189	0.177	6.3	102	0.00
47 T	Bromodichloromethane	0.504	0.493	2.2	106	0.00
48 T	Methyl methacrylate	0.239	0.257	-7.5	108	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	98	0.00
50 S	Toluene-d8	1.254	1.239	1.2	103	0.00
51 T	4-Methyl-2-Pentanone	0.286	0.269	5.9	98	0.00
52 CM	Toluene	0.926	0.934	-0.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.496	0.501	-1.0	106	0.00
54 T	cis-1,3-Dichloropropene	0.604	0.608	-0.7	106	0.00
55 T	1,1,2-Trichloroethane	0.259	0.242	6.6	99	0.00
56 T	Ethyl methacrylate	0.334	0.349	-4.5	104	0.00
57 T	1,3-Dichloropropane	0.492	0.478	2.8	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.196	0.190	3.1	97	0.00
59 T	2-Hexanone	0.179	0.188	-5.0	102	0.00
60 T	Dibromochloromethane	0.267	0.258	3.4	101	0.00
61 T	1,2-Dibromoethane	0.229	0.224	2.2	104	0.00
62 S	4-Bromofluorobenzene	0.416	0.413	0.7	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.289	0.282	2.4	103	0.00
65 PM	Chlorobenzene	1.004	0.995	0.9	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.331	0.9	105	0.00
67 C	Ethyl Benzene	1.953	2.045	-4.7#	107	0.00
68 T	m/p-Xylenes	0.690	0.727	-5.4	107	0.00
69 T	o-Xylene	0.622	0.657	-5.6	107	0.00
70 T	Styrene	1.066	1.129	-5.9	105	0.00
71 P	Bromoform	0.148	0.144	2.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.819	4.177	-9.4	106	0.00
74 T	N-amyl acetate	1.129	1.195	-5.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.776	0.746	3.9	97	0.00
76 T	1,2,3-Trichloropropane	0.565	0.577	-2.1	121	0.00
77 T	Bromobenzene	0.755	0.775	-2.6	103	0.00
78 T	n-propylbenzene	4.964	5.413	-9.0	106	0.00
79 T	2-Chlorotoluene	2.791	2.955	-5.9	105	0.00
80 T	1,3,5-Trimethylbenzene	3.284	3.500	-6.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.251	-0.4	98	0.00
82 T	4-Chlorotoluene	2.972	3.098	-4.2	104	0.00
83 T	tert-Butylbenzene	2.660	2.897	-8.9	105	0.00
84 T	1,2,4-Trimethylbenzene	3.284	3.542	-7.9	105	0.00
85 T	sec-Butylbenzene	4.026	4.342	-7.8	105	0.00
86 T	p-Isopropyltoluene	3.461	3.740	-8.1	103	0.00
87 T	1,3-Dichlorobenzene	1.600	1.619	-1.2	104	0.00
88 T	1,4-Dichlorobenzene	1.575	1.559	1.0	101	0.00
89 T	n-Butylbenzene	3.732	4.084	-9.4	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.694	0.697	-0.4	103	0.00
91 T	1,2-Dichlorobenzene	1.401	1.397	0.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.126	-0.8	102	0.00
93 T	1,2,4-Trichlorobenzene	0.802	0.882	-10.0	104	0.00
94 T	Hexachlorobutadiene	0.503	0.519	-3.2	105	0.00
95 T	Naphthalene	1.497	1.756	-17.3	103	0.00
96 T	1,2,3-Trichlorobenzene	0.711	0.793	-11.5	108	0.00

(#) = Out of Range

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