

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012320\
 Data File : VD064934.D
 Acq On : 23 Jan 2020 13:59
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICSVVD012320

Quant Time: Jan 23 14:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 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	112	0.00
2 T	Dichlorodifluoromethane	0.377	0.386	-2.4	113	0.00
3 P	Chloromethane	0.552	0.552	0.0	115	0.00
4 C	Vinyl Chloride	0.634	0.633	0.2#	113	0.00
5 T	Bromomethane	0.427	0.406	4.9	112	0.00
6 T	Chloroethane	0.418	0.398	4.8	108	0.00
7 T	Trichlorofluoromethane	0.979	0.961	1.8	111	0.00
8 T	Diethyl Ether	0.221	0.196	11.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.456	0.452	0.9	113	0.00
10 T	Methyl Iodide	0.484	0.466	3.7	100	0.00
11 T	Tert butyl alcohol	0.027	0.026	3.7	102	0.00
12 CM	1,1-Dichloroethene	0.435	0.428	1.6#	113	0.00
13 T	Acrolein	0.033	0.030	9.1	103	0.00
14 T	Allyl chloride	0.694	0.698	-0.6	113	0.00
15 T	Acrylonitrile	0.096	0.089	7.3	106	0.00
16 T	Acetone	0.101	0.100	1.0	110	0.00
17 T	Carbon Disulfide	1.432	1.422	0.7	113	0.00
18 T	Methyl Acetate	0.225	0.202	10.2	103	0.00
19 T	Methyl tert-butyl Ether	0.972	0.937	3.6	106	0.00
20 T	Methylene Chloride	0.556	0.473	14.9	111	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.496	1.0	113	0.00
22 T	Diisopropyl ether	1.383	1.365	1.3	110	0.00
23 T	Vinyl Acetate	0.810	0.795	1.9	106	0.00
24 P	1,1-Dichloroethane	0.849	0.826	2.7	111	-0.01
25 T	2-Butanone	0.130	0.120	7.7	100	-0.01
26 T	2,2-Dichloropropane	0.770	0.764	0.8	114	0.00
27 T	cis-1,2-Dichloroethene	0.535	0.520	2.8	111	0.00
28 T	Bromochloromethane	0.340	0.340	0.0	101	0.00
29 T	Tetrahydrofuran	0.080	0.071	11.3	100	0.00
30 C	Chloroform	0.878	0.846	3.6#	111	0.00
31 T	Cyclohexane	0.836	0.787	5.9	111	0.00
32 T	1,1,1-Trichloroethane	0.817	0.802	1.8	112	0.00
33 S	1,2-Dichloroethane-d4	0.480	0.433	9.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.314	0.298	5.1	100	0.00
36 T	1,1-Dichloropropene	0.482	0.480	0.4	110	0.00
37 T	Ethyl Acetate	0.199	0.186	6.5	108	0.00
38 T	Carbon Tetrachloride	0.510	0.506	0.8	109	0.00
39 T	Methylcyclohexane	0.564	0.584	-3.5	111	0.00
40 TM	Benzene	1.328	1.309	1.4	109	0.00
41 T	Methacrylonitrile	0.107	0.110	-2.8	99	-0.01
42 TM	1,2-Dichloroethane	0.396	0.373	5.8	105	0.00
43 T	Isopropyl Acetate	0.378	0.355	6.1	105	0.00
44 TM	Trichloroethene	0.372	0.368	1.1	112	0.00
45 C	1,2-Dichloropropane	0.322	0.310	3.7#	109	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.170	3.4	110	0.00
47 T	Bromodichloromethane	0.457	0.447	2.2	109	0.00
48 T	Methyl methacrylate	0.174	0.183	-5.2	113	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	1.213	1.165	4.0	99	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.177	6.3	102	0.00
52 CM	Toluene	0.856	0.851	0.6#	110	0.00
53 T	t-1,3-Dichloropropene	0.436	0.431	1.1	108	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.503	1.4	108	0.00
55 T	1,1,2-Trichloroethane	0.237	0.224	5.5	106	0.00
56 T	Ethyl methacrylate	0.283	0.283	0.0	105	0.00
57 T	1,3-Dichloropropane	0.406	0.384	5.4	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.094	0.085	9.6	110	0.00
59 T	2-Hexanone	0.131	0.130	0.8	105	0.00
60 T	Dibromochloromethane	0.316	0.300	5.1	106	0.00
61 T	1,2-Dibromoethane	0.228	0.217	4.8	107	0.00
62 S	4-Bromofluorobenzene	0.371	0.362	2.4	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.361	0.361	0.0	109	0.00
65 PM	Chlorobenzene	1.015	0.994	2.1	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.375	1.8	109	0.00
67 C	Ethyl Benzene	1.802	1.848	-2.6#	111	0.00
68 T	m/p-Xylenes	0.694	0.708	-2.0	110	0.00
69 T	o-Xylene	0.616	0.631	-2.4	110	0.00
70 T	Styrene	1.097	1.110	-1.2	107	0.00
71 P	Bromoform	0.212	0.201	5.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.417	3.548	-3.8	110	0.00
74 T	N-amyl acetate	0.765	0.741	3.1	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.574	0.540	5.9	104	0.00
76 T	1,2,3-Trichloropropane	0.415	0.374	9.9	90	0.00
77 T	Bromobenzene	0.836	0.838	-0.2	109	0.00
78 T	n-propylbenzene	4.064	4.244	-4.4	111	0.00
79 T	2-Chlorotoluene	2.230	2.274	-2.0	110	0.00
80 T	1,3,5-Trimethylbenzene	2.801	2.905	-3.7	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.194	0.185	4.6	103	0.00
82 T	4-Chlorotoluene	2.364	2.382	-0.8	109	0.00
83 T	tert-Butylbenzene	2.377	2.472	-4.0	110	0.00
84 T	1,2,4-Trimethylbenzene	2.837	2.911	-2.6	110	0.00
85 T	sec-Butylbenzene	3.365	3.508	-4.2	112	0.00
86 T	p-Isopropyltoluene	3.149	3.322	-5.5	111	0.00
87 T	1,3-Dichlorobenzene	1.604	1.622	-1.1	111	0.00
88 T	1,4-Dichlorobenzene	1.592	1.565	1.7	109	0.00
89 T	n-Butylbenzene	2.874	3.028	-5.4	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.609	-0.3	108	0.00
91 T	1,2-Dichlorobenzene	1.362	1.330	2.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.088	4.3	108	0.00
93 T	1,2,4-Trichlorobenzene	0.942	0.962	-2.1	111	0.00
94 T	Hexachlorobutadiene	0.596	0.605	-1.5	113	0.00
95 T	Naphthalene	1.521	1.572	-3.4	108	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.830	-1.6	109	0.00

(#) = Out of Range

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