

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122719\
 Data File : VD064657.D
 Acq On : 27 Dec 2019 22:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 30 04:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 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	88	0.00
2 T	Dichlorodifluoromethane	0.389	0.372	4.4	83	0.00
3 P	Chloromethane	0.543	0.570	-5.0	92	0.00
4 C	Vinyl Chloride	0.663	0.670	-1.1#	91	0.00
5 T	Bromomethane	0.482	0.487	-1.0	93	0.00
6 T	Chloroethane	0.444	0.464	-4.5	90	0.00
7 T	Trichlorofluoromethane	1.116	1.144	-2.5	90	0.00
8 T	Diethyl Ether	0.222	0.241	-8.6	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.451	2.4	85	0.00
10 T	Methyl Iodide	0.496	0.543	-9.5	87	0.00
11 T	Tert butyl alcohol	0.025	0.028	-12.0	91	0.00
12 CM	1,1-Dichloroethene	0.440	0.433	1.6#	86	0.00
13 T	Acrolein	0.035	0.040	-14.3	96	0.00
14 T	Allyl chloride	0.686	0.721	-5.1	91	0.00
15 T	Acrylonitrile	0.092	0.101	-9.8	93	0.00
16 T	Acetone	0.091	0.093	-2.2	89	0.00
17 T	Carbon Disulfide	1.422	1.388	2.4	86	0.00
18 T	Methyl Acetate	0.248	0.267	-7.7	95	0.00
19 T	Methyl tert-butyl Ether	0.977	1.083	-10.8	94	0.00
20 T	Methylene Chloride	0.524	0.507	3.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.518	-3.4	91	0.00
22 T	Diisopropyl ether	1.368	1.513	-10.6	95	0.00
23 T	Vinyl Acetate	0.776	0.865	-11.5	92	0.00
24 P	1,1-Dichloroethane	0.821	0.883	-7.6	93	0.00
25 T	2-Butanone	0.121	0.133	-9.9	92	0.00
26 T	2,2-Dichloropropane	0.764	0.721	5.6	83	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.580	-7.2	93	0.00
28 T	Bromochloromethane	0.319	0.380	-19.1	96	0.00
29 T	Tetrahydrofuran	0.075	0.084	-12.0	94	0.00
30 C	Chloroform	0.862	0.929	-7.8#	94	0.00
31 T	Cyclohexane	0.822	0.780	5.1	87	0.00
32 T	1,1,1-Trichloroethane	0.809	0.839	-3.7	91	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.496	-12.5	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.307	0.328	-6.8	93	0.00
36 T	1,1-Dichloropropene	0.481	0.469	2.5	87	0.00
37 T	Ethyl Acetate	0.189	0.200	-5.8	91	0.00
38 T	Carbon Tetrachloride	0.513	0.516	-0.6	89	0.00
39 T	Methylcyclohexane	0.583	0.562	3.6	85	0.00
40 TM	Benzene	1.314	1.355	-3.1	93	0.00
41 T	Methacrylonitrile	0.110	0.112	-1.8	83	0.00
42 TM	1,2-Dichloroethane	0.380	0.406	-6.8	96	0.00
43 T	Isopropyl Acetate	0.376	0.400	-6.4	93	0.00
44 TM	Trichloroethene	0.386	0.392	-1.6	91	0.00
45 C	1,2-Dichloropropane	0.314	0.337	-7.3#	96	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	0.175	0.188	-7.4	94	0.00
47 T	Bromodichloromethane	0.465	0.486	-4.5	93	0.00
48 T	Methyl methacrylate	0.177	0.184	-4.0	86	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	98	0.01
50 S	Toluene-d8	1.175	1.260	-7.2	94	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.201	-8.1	95	0.00
52 CM	Toluene	0.862	0.892	-3.5#	92	0.00
53 T	t-1,3-Dichloropropene	0.434	0.454	-4.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.539	-5.3	92	0.00
55 T	1,1,2-Trichloroethane	0.236	0.250	-5.9	95	0.00
56 T	Ethyl methacrylate	0.294	0.322	-9.5	95	0.00
57 T	1,3-Dichloropropane	0.406	0.425	-4.7	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.117	-4.5	98	0.00
59 T	2-Hexanone	0.126	0.140	-11.1	94	0.00
60 T	Dibromochloromethane	0.326	0.345	-5.8	93	0.00
61 T	1,2-Dibromoethane	0.232	0.251	-8.2	95	0.00
62 S	4-Bromofluorobenzene	0.372	0.401	-7.8	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.384	0.403	-4.9	97	0.00
65 PM	Chlorobenzene	1.038	1.073	-3.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.404	-3.3	94	0.00
67 C	Ethyl Benzene	1.884	1.912	-1.5#	92	0.00
68 T	m/p-Xylenes	0.727	0.730	-0.4	90	0.00
69 T	o-Xylene	0.657	0.668	-1.7	92	0.00
70 T	Styrene	1.153	1.181	-2.4	93	0.00
71 P	Bromoform	0.223	0.233	-4.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.573	3.623	-1.4	90	0.00
74 T	N-amyl acetate	0.764	0.808	-5.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.590	-5.2	94	0.00
76 T	1,2,3-Trichloropropane	0.395	0.453	-14.7	120	0.00
77 T	Bromobenzene	0.878	0.914	-4.1	94	0.00
78 T	n-propylbenzene	4.168	4.175	-0.2	90	0.00
79 T	2-Chlorotoluene	2.290	2.304	-0.6	91	0.00
80 T	1,3,5-Trimethylbenzene	2.935	2.974	-1.3	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.193	-2.1	92	0.00
82 T	4-Chlorotoluene	2.437	2.434	0.1	90	0.00
83 T	tert-Butylbenzene	2.548	2.584	-1.4	90	0.00
84 T	1,2,4-Trimethylbenzene	2.923	2.986	-2.2	91	0.00
85 T	sec-Butylbenzene	3.494	3.499	-0.1	89	0.00
86 T	p-Isopropyltoluene	3.341	3.358	-0.5	89	0.00
87 T	1,3-Dichlorobenzene	1.674	1.701	-1.6	92	0.00
88 T	1,4-Dichlorobenzene	1.644	1.672	-1.7	91	0.00
89 T	n-Butylbenzene	3.008	3.014	-0.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.626	1.9	88	0.00
91 T	1,2-Dichlorobenzene	1.427	1.458	-2.2	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.092	-1.1	93	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.064	-1.2	90	0.00
94 T	Hexachlorobutadiene	0.661	0.626	5.3	85	0.00
95 T	Naphthalene	1.662	1.733	-4.3	90	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.899	-0.2	89	0.00

(#) = Out of Range

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