

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD011320\
 Data File : VD064855.D
 Acq On : 13 Jan 2020 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 11:59:05 2020
 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	82	0.00
2 T	Dichlorodifluoromethane	0.389	0.342	12.1	71	0.00
3 P	Chloromethane	0.543	0.564	-3.9	85	0.00
4 C	Vinyl Chloride	0.663	0.654	1.4#	82	0.00
5 T	Bromomethane	0.482	0.453	6.0	80	0.00
6 T	Chloroethane	0.444	0.462	-4.1	83	0.00
7 T	Trichlorofluoromethane	1.116	1.083	3.0	79	0.00
8 T	Diethyl Ether	0.222	0.247	-11.3	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.475	-2.8	83	0.00
10 T	Methyl Iodide	0.496	0.522	-5.2	77	0.00
11 T	Tert butyl alcohol	0.025	0.031	-24.0#	93	0.00
12 CM	1,1-Dichloroethene	0.440	0.445	-1.1#	82	0.00
13 T	Acrolein	0.035	0.033	5.7	75	0.00
14 T	Allyl chloride	0.686	0.771	-12.4	91	0.00
15 T	Acrylonitrile	0.092	0.114	-23.9#	98	0.00
16 T	Acetone	0.091	0.131	-44.0#	116	0.00
17 T	Carbon Disulfide	1.422	1.322	7.0	76	0.00
18 T	Methyl Acetate	0.248	0.303	-22.2#	100	0.00
19 T	Methyl tert-butyl Ether	0.977	1.207	-23.5#	97	0.00
20 T	Methylene Chloride	0.524	0.571	-9.0	97	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.544	-8.6	89	0.00
22 T	Diisopropyl ether	1.368	1.686	-23.2#	98	0.00
23 T	Vinyl Acetate	0.776	0.946	-21.9#	93	0.00
24 P	1,1-Dichloroethane	0.821	0.982	-19.6	96	0.00
25 T	2-Butanone	0.121	0.163	-34.7#	106	0.00
26 T	2,2-Dichloropropane	0.764	0.825	-8.0	88	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.637	-17.7	95	0.00
28 T	Bromochloromethane	0.319	0.392	-22.9#	92	0.00
29 T	Tetrahydrofuran	0.075	0.095	-26.7#	99	0.00
30 C	Chloroform	0.862	1.047	-21.5#	99	0.00
31 T	Cyclohexane	0.822	0.788	4.1	82	0.00
32 T	1,1,1-Trichloroethane	0.809	0.914	-13.0	92	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.535	-21.3#	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.307	0.339	-10.4	91	0.00
36 T	1,1-Dichloropropene	0.481	0.495	-2.9	87	0.00
37 T	Ethyl Acetate	0.189	0.227	-20.1#	98	0.00
38 T	Carbon Tetrachloride	0.513	0.539	-5.1	88	0.00
39 T	Methylcyclohexane	0.583	0.562	3.6	80	0.00
40 TM	Benzene	1.314	1.456	-10.8	94	0.00
41 T	Methacrylonitrile	0.110	0.130	-18.2	92	-0.01
42 TM	1,2-Dichloroethane	0.380	0.446	-17.4	99	0.00
43 T	Isopropyl Acetate	0.376	0.439	-16.8	96	0.00
44 TM	Trichloroethene	0.386	0.400	-3.6	88	0.00
45 C	1,2-Dichloropropane	0.314	0.362	-15.3#	98	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.199	-13.7	94	0.00
47 T	Bromodichloromethane	0.465	0.545	-17.2	99	0.00
48 T	Methyl methacrylate	0.177	0.199	-12.4	89	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	100	0.00
50 S	Toluene-d8	1.175	1.258	-7.1	89	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.229	-23.1#	102	0.00
52 CM	Toluene	0.862	0.949	-10.1#	93	0.00
53 T	t-1,3-Dichloropropene	0.434	0.502	-15.7	96	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.593	-15.8	96	0.00
55 T	1,1,2-Trichloroethane	0.236	0.277	-17.4	99	0.00
56 T	Ethyl methacrylate	0.294	0.354	-20.4#	99	0.00
57 T	1,3-Dichloropropane	0.406	0.474	-16.7	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.120	-7.1	95	0.00
59 T	2-Hexanone	0.126	0.163	-29.4#	104	0.00
60 T	Dibromochloromethane	0.326	0.373	-14.4	96	0.00
61 T	1,2-Dibromoethane	0.232	0.269	-15.9	97	0.00
62 S	4-Bromofluorobenzene	0.372	0.412	-10.8	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.384	0.439	-14.3	99	0.00
65 PM	Chlorobenzene	1.038	1.146	-10.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.457	-16.9	100	0.00
67 C	Ethyl Benzene	1.884	2.055	-9.1#	93	0.00
68 T	m/p-Xylenes	0.727	0.803	-10.5	93	0.00
69 T	o-Xylene	0.657	0.726	-10.5	93	0.00
70 T	Styrene	1.153	1.321	-14.6	97	0.00
71 P	Bromoform	0.223	0.255	-14.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.573	3.815	-6.8	91	0.00
74 T	N-amyl acetate	0.764	0.901	-17.9	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.645	-15.0	99	0.00
76 T	1,2,3-Trichloropropane	0.395	0.513	-29.9#	131	0.00
77 T	Bromobenzene	0.878	0.959	-9.2	95	0.00
78 T	n-propylbenzene	4.168	4.441	-6.5	92	0.00
79 T	2-Chlorotoluene	2.290	2.484	-8.5	94	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.163	-7.8	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.210	-11.1	96	0.00
82 T	4-Chlorotoluene	2.437	2.659	-9.1	95	0.00
83 T	tert-Butylbenzene	2.548	2.691	-5.6	90	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.172	-8.5	93	0.00
85 T	sec-Butylbenzene	3.494	3.692	-5.7	90	0.00
86 T	p-Isopropyltoluene	3.341	3.494	-4.6	89	0.00
87 T	1,3-Dichlorobenzene	1.674	1.820	-8.7	95	0.00
88 T	1,4-Dichlorobenzene	1.644	1.752	-6.6	92	0.00
89 T	n-Butylbenzene	3.008	3.114	-3.5	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.683	-7.1	92	0.00
91 T	1,2-Dichlorobenzene	1.427	1.536	-7.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.102	-12.1	100	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.083	-3.0	88	0.00
94 T	Hexachlorobutadiene	0.661	0.644	2.6	85	0.00
95 T	Naphthalene	1.662	1.805	-8.6	90	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.932	-3.9	89	0.00

(#) = Out of Range

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