

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD011720\
 Data File : VD064877.D
 Acq On : 17 Jan 2020 21:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 18 00:04:40 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	66	0.00
2 T	Dichlorodifluoromethane	0.389	0.350	10.0	58	0.00
3 P	Chloromethane	0.543	0.592	-9.0	72	0.00
4 C	Vinyl Chloride	0.663	0.658	0.8#	66	0.00
5 T	Bromomethane	0.482	0.473	1.9	67	0.00
6 T	Chloroethane	0.444	0.486	-9.5	70	0.00
7 T	Trichlorofluoromethane	1.116	1.134	-1.6	66	0.00
8 T	Diethyl Ether	0.222	0.275	-23.9#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.516	-11.7	72	0.00
10 T	Methyl Iodide	0.496	0.529	-6.7	63	0.00
11 T	Tert butyl alcohol	0.025	0.032	-28.0#	78	0.00
12 CM	1,1-Dichloroethene	0.440	0.478	-8.6#	71	0.00
13 T	Acrolein	0.035	0.020	42.9#	36#	0.00
14 T	Allyl chloride	0.686	0.829	-20.8#	78	0.00
15 T	Acrylonitrile	0.092	0.118	-28.3#	82	0.00
16 T	Acetone	0.091	0.107	-17.6	76	0.00
17 T	Carbon Disulfide	1.422	1.376	3.2	64	0.00
18 T	Methyl Acetate	0.248	0.311	-25.4#	82	0.00
19 T	Methyl tert-butyl Ether	0.977	1.289	-31.9#	83	0.00
20 T	Methylene Chloride	0.524	0.658	-25.6#	90	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.571	-14.0	75	0.00
22 T	Diisopropyl ether	1.368	1.803	-31.8#	84	0.00
23 T	Vinyl Acetate	0.776	1.027	-32.3#	81	0.00
24 P	1,1-Dichloroethane	0.821	1.065	-29.7#	84	0.00
25 T	2-Butanone	0.121	0.156	-28.9#	81	0.00
26 T	2,2-Dichloropropane	0.764	0.888	-16.2	76	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.677	-25.1#	81	0.00
28 T	Bromochloromethane	0.319	0.402	-26.0#	76	0.00
29 T	Tetrahydrofuran	0.075	0.097	-29.3#	81	0.00
30 C	Chloroform	0.862	1.134	-31.6#	86	0.00
31 T	Cyclohexane	0.822	0.821	0.1	68	0.00
32 T	1,1,1-Trichloroethane	0.809	0.977	-20.8#	79	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.591	-34.0#	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35 S	Dibromofluoromethane	0.307	0.373	-21.5#	80	0.00
36 T	1,1-Dichloropropene	0.481	0.531	-10.4	75	0.00
37 T	Ethyl Acetate	0.189	0.226	-19.6	78	0.00
38 T	Carbon Tetrachloride	0.513	0.577	-12.5	75	0.00
39 T	Methylcyclohexane	0.583	0.579	0.7	66	0.00
40 TM	Benzene	1.314	1.556	-18.4	80	0.00
41 T	Methacrylonitrile	0.110	0.124	-12.7	70	0.00
42 TM	1,2-Dichloroethane	0.380	0.481	-26.6#	86	0.00
43 T	Isopropyl Acetate	0.376	0.458	-21.8#	80	0.00
44 TM	Trichloroethene	0.386	0.435	-12.7	77	0.00
45 C	1,2-Dichloropropane	0.314	0.400	-27.4#	86	0.00

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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)
46 T	Dibromomethane	0.175	0.217	-24.0#	82	0.00
47 T	Bromodichloromethane	0.465	0.581	-24.9#	84	0.00
48 T	Methyl methacrylate	0.177	0.209	-18.1	74	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	77	0.00
50 S	Toluene-d8	1.175	1.355	-15.3	76	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.233	-25.3#	83	0.00
52 CM	Toluene	0.862	1.002	-16.2#	78	0.00
53 T	t-1,3-Dichloropropene	0.434	0.541	-24.7#	83	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.630	-23.0#	81	0.00
55 T	1,1,2-Trichloroethane	0.236	0.295	-25.0#	84	0.00
56 T	Ethyl methacrylate	0.294	0.368	-25.2#	82	0.00
57 T	1,3-Dichloropropane	0.406	0.508	-25.1#	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.138	-23.2#	88	0.00
59 T	2-Hexanone	0.126	0.155	-23.0#	79	0.00
60 T	Dibromochloromethane	0.326	0.405	-24.2#	83	0.00
61 T	1,2-Dibromoethane	0.232	0.279	-20.3#	80	0.00
62 S	4-Bromofluorobenzene	0.372	0.457	-22.8#	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.384	0.410	-6.8	77	0.00
65 PM	Chlorobenzene	1.038	1.182	-13.9	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.473	-21.0#	85	0.00
67 C	Ethyl Benzene	1.884	2.097	-11.3#	78	0.00
68 T	m/p-Xylenes	0.727	0.816	-12.2	78	0.00
69 T	o-Xylene	0.657	0.748	-13.9	79	0.00
70 T	Styrene	1.153	1.366	-18.5	83	0.00
71 P	Bromoform	0.223	0.256	-14.8	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.573	3.872	-8.4	77	0.00
74 T	N-amyl acetate	0.764	0.869	-13.7	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.647	-15.3	83	0.00
76 T	1,2,3-Trichloropropane	0.395	0.415	-5.1	88	0.00
77 T	Bromobenzene	0.878	0.979	-11.5	81	0.00
78 T	n-propylbenzene	4.168	4.494	-7.8	77	0.00
79 T	2-Chlorotoluene	2.290	2.522	-10.1	80	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.198	-9.0	77	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.211	-11.6	81	0.00
82 T	4-Chlorotoluene	2.437	2.678	-9.9	80	0.00
83 T	tert-Butylbenzene	2.548	2.723	-6.9	76	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.259	-11.5	80	0.00
85 T	sec-Butylbenzene	3.494	3.723	-6.6	76	0.00
86 T	p-Isopropyltoluene	3.341	3.592	-7.5	76	0.00
87 T	1,3-Dichlorobenzene	1.674	1.865	-11.4	81	0.00
88 T	1,4-Dichlorobenzene	1.644	1.812	-10.2	79	0.00
89 T	n-Butylbenzene	3.008	3.185	-5.9	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.697	-9.2	78	0.00
91 T	1,2-Dichlorobenzene	1.427	1.643	-15.1	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.100	-9.9	81	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.108	-5.4	75	0.00
94 T	Hexachlorobutadiene	0.661	0.662	-0.2	73	0.00
95 T	Naphthalene	1.662	1.815	-9.2	76	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.979	-9.1	78	0.00

(#) = Out of Range

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