

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD012120\
 Data File : VD064901.D
 Acq On : 21 Jan 2020 09:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 22 06:02:07 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	83	0.00
2 T	Dichlorodifluoromethane	0.389	0.332	14.7	70	0.00
3 P	Chloromethane	0.543	0.479	11.8	73	0.00
4 C	Vinyl Chloride	0.663	0.574	13.4#	73	0.00
5 T	Bromomethane	0.482	0.387	19.7	69	0.01
6 T	Chloroethane	0.444	0.397	10.6	72	0.01
7 T	Trichlorofluoromethane	1.116	0.980	12.2	73	0.00
8 T	Diethyl Ether	0.222	0.208	6.3	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.482	-4.3	85	0.00
10 T	Methyl Iodide	0.496	0.457	7.9	69	0.00
11 T	Tert butyl alcohol	0.025	0.024	4.0	73	0.00
12 CM	1,1-Dichloroethene	0.440	0.427	3.0#	80	0.00
13 T	Acrolein	0.035	0.018	48.6#	40#	0.00
14 T	Allyl chloride	0.686	0.686	0.0	82	0.00
15 T	Acrylonitrile	0.092	0.089	3.3	77	0.00
16 T	Acetone	0.091	0.109	-19.8	98	0.00
17 T	Carbon Disulfide	1.422	1.195	16.0	70	0.00
18 T	Methyl Acetate	0.248	0.228	8.1	77	0.00
19 T	Methyl tert-butyl Ether	0.977	0.958	1.9	79	0.00
20 T	Methylene Chloride	0.524	0.467	10.9	81	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.493	1.6	82	0.00
22 T	Diisopropyl ether	1.368	1.458	-6.6	86	0.00
23 T	Vinyl Acetate	0.776	0.780	-0.5	78	0.00
24 P	1,1-Dichloroethane	0.821	0.893	-8.8	89	0.00
25 T	2-Butanone	0.121	0.126	-4.1	83	0.00
26 T	2,2-Dichloropropane	0.764	0.827	-8.2	90	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.556	-2.8	84	0.00
28 T	Bromochloromethane	0.319	0.324	-1.6	77	0.00
29 T	Tetrahydrofuran	0.075	0.069	8.0	72	0.00
30 C	Chloroform	0.862	0.926	-7.4#	89	0.00
31 T	Cyclohexane	0.822	0.770	6.3	81	0.00
32 T	1,1,1-Trichloroethane	0.809	0.859	-6.2	88	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.406	7.9	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.307	0.300	2.3	75	0.00
36 T	1,1-Dichloropropene	0.481	0.507	-5.4	84	0.00
37 T	Ethyl Acetate	0.189	0.175	7.4	71	0.00
38 T	Carbon Tetrachloride	0.513	0.561	-9.4	85	0.00
39 T	Methylcyclohexane	0.583	0.585	-0.3	78	0.00
40 TM	Benzene	1.314	1.391	-5.9	84	0.00
41 T	Methacrylonitrile	0.110	0.107	2.7	71	0.00
42 TM	1,2-Dichloroethane	0.380	0.402	-5.8	84	0.00
43 T	Isopropyl Acetate	0.376	0.361	4.0	74	0.00
44 TM	Trichloroethene	0.386	0.394	-2.1	81	0.00
45 C	1,2-Dichloropropane	0.314	0.350	-11.5#	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.173	1.1	77	0.00
47 T	Bromodichloromethane	0.465	0.504	-8.4	85	0.00
48 T	Methyl methacrylate	0.177	0.161	9.0	67	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	70	0.01
50 S	Toluene-d8	1.175	1.081	8.0	71	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.183	1.6	76	0.00
52 CM	Toluene	0.862	0.911	-5.7#	83	0.00
53 T	t-1,3-Dichloropropene	0.434	0.450	-3.7	81	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.550	-7.4	83	0.00
55 T	1,1,2-Trichloroethane	0.236	0.244	-3.4	82	0.00
56 T	Ethyl methacrylate	0.294	0.290	1.4	76	0.00
57 T	1,3-Dichloropropane	0.406	0.417	-2.7	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.105	6.3	78	0.00
59 T	2-Hexanone	0.126	0.134	-6.3	80	0.00
60 T	Dibromochloromethane	0.326	0.336	-3.1	81	0.00
61 T	1,2-Dibromoethane	0.232	0.231	0.4	78	0.00
62 S	4-Bromofluorobenzene	0.372	0.350	5.9	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.384	0.391	-1.8	80	0.00
65 PM	Chlorobenzene	1.038	1.108	-6.7	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.437	-11.8	87	0.00
67 C	Ethyl Benzene	1.884	2.052	-8.9#	84	0.00
68 T	m/p-Xylenes	0.727	0.795	-9.4	83	0.00
69 T	o-Xylene	0.657	0.707	-7.6	83	0.00
70 T	Styrene	1.153	1.254	-8.8	84	0.00
71 P	Bromoform	0.223	0.218	2.2	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.573	3.858	-8.0	84	0.00
74 T	N-amyl acetate	0.764	0.740	3.1	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.570	-1.6	80	0.00
76 T	1,2,3-Trichloropropane	0.395	0.389	1.5	90	0.00
77 T	Bromobenzene	0.878	0.892	-1.6	80	0.00
78 T	n-propylbenzene	4.168	4.547	-9.1	85	0.00
79 T	2-Chlorotoluene	2.290	2.474	-8.0	85	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.164	-7.8	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.186	1.6	78	0.00
82 T	4-Chlorotoluene	2.437	2.610	-7.1	85	0.00
83 T	tert-Butylbenzene	2.548	2.695	-5.8	82	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.142	-7.5	84	0.00
85 T	sec-Butylbenzene	3.494	3.804	-8.9	84	0.00
86 T	p-Isopropyltoluene	3.341	3.555	-6.4	82	0.00
87 T	1,3-Dichlorobenzene	1.674	1.751	-4.6	83	0.00
88 T	1,4-Dichlorobenzene	1.644	1.719	-4.6	82	0.00
89 T	n-Butylbenzene	3.008	3.283	-9.1	84	0.00

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90 T	Hexachloroethane	0.638	0.687	-7.7	84	0.00
91 T	1,2-Dichlorobenzene	1.427	1.474	-3.3	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.087	4.4	77	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.055	-0.4	78	0.00
94 T	Hexachlorobutadiene	0.661	0.657	0.6	78	0.00
95 T	Naphthalene	1.662	1.510	9.1	68	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.854	4.8	74	0.00

(#) = Out of Range

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