

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL012720\
 Data File : VL034557.D
 Acq On : 27 Jan 2020 10:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 28 12:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	1.577	1.398	11.4	108	0.00
3	Chlorodifluoromethane	1.191	1.121	5.9	101	0.00
4	Chloromethane	0.708	0.684	3.4	102	0.00
5 T	Vinyl Chloride	0.693	0.648	6.5	103	0.00
6 T	Bromomethane	0.345	0.362	-4.9	106	0.00
7	Chloroethane	0.242	0.246	-1.7	105	0.00
8 T	Dichlorotetrafluoroethane	1.582	1.564	1.1	106	0.00
9 T	Propene	0.459	0.450	2.0	98	0.00
10 T	Heptane	1.186	1.217	-2.6	99	0.00
11 T	Trichlorofluoromethane	1.825	1.847	-1.2	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.161	1.226	-5.6	108	0.00
13	Ethanol	0.127	0.096	24.4	84	0.00
14 T	Bromoethene	0.469	0.510	-8.7	109	0.00
15 T	Acetone	1.459	1.315	9.9	107	0.00
16 T	1,3-Butadiene	0.561	0.581	-3.6	100	0.00
17	tert-Butyl alcohol	1.169	1.041	10.9	87	0.00
18 T	1,1-Dichloroethene	0.506	0.535	-5.7	106	0.00
19 T	Isopropyl Alcohol	0.945	0.755	20.1	81	0.00
20 T	Methylene Chloride	0.574	0.479	16.6	105	0.00
21 T	Allyl Chloride	0.839	0.896	-6.8	105	0.00
22 T	trans-1,2-Dichloroethene	0.514	0.566	-10.1	109	0.00
23 T	Vinyl Acetate	1.685	1.702	-1.0	99	0.00
24 T	1,1-Dichloroethane	1.354	1.332	1.6	102	0.00
25 T	Ethyl Acetate	2.279	2.230	2.2	100	0.00
26 T	Hexane	0.960	0.969	-0.9	102	0.00
27 T	Carbon Disulfide	1.214	1.433	-18.0	109	0.00
28 T	Methyl tert-Butyl Ether	1.604	1.742	-8.6	104	0.00
29 T	Chloroform	1.662	1.644	1.1	103	0.00
30 T	Cyclohexane	0.714	0.763	-6.9	100	0.00
31 T	cis-1,2-Dichloroethene	0.979	1.034	-5.6	100	0.00
32 T	1,1,1-Trichloroethane	1.725	1.727	-0.1	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.715	0.692	3.2	99	0.00
35 T	Carbon Tetrachloride	0.907	0.912	-0.6	108	0.00
36 T	Benzene	0.872	0.876	-0.5	100	0.00
37 T	1,2-Dichloroethane	0.708	0.703	0.7	105	0.00
38 T	Trichloroethene	0.352	0.375	-6.5	103	0.00
39 T	1,2-Dichloropropane	0.358	0.356	0.6	99	0.00
40 T	1,4-Dioxane	0.145	0.124	14.5	89	0.00
41 T	Tetrahydrofuran	0.367	0.376	-2.5	96	0.00
42 T	Bromodichloromethane	0.871	0.891	-2.3	104	0.00
43	Methyl Methacrylate	0.356	0.379	-6.5	99	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.559	3.3	99	0.00
45 T	t-1,3-Dichloropropene	0.458	0.545	-19.0	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.595	-13.5	101	0.00
47 T	1,1,2-Trichloroethane	0.395	0.388	1.8	103	0.00
48 T	Dibromochloromethane	0.685	0.750	-9.5	104	0.00
49 T	Bromoform	0.620	0.682	-10.0	104	0.00
50 T	4-Methyl-2-Pentanone	1.037	1.034	0.3	100	0.00
51 T	2-Hexanone	0.837	0.862	-3.0	99	0.00
52 T	Tetrachloroethene	0.340	0.351	-3.2	104	0.00
53 T	Toluene	0.958	1.032	-7.7	101	0.00
54 T	1,2-Dibromoethane	0.575	0.600	-4.3	104	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
56	1,1,1,2-Tetrachloroethane	0.483	0.491	-1.7	104	0.00
57 T	Chlorobenzene	0.825	0.809	1.9	103	0.00
58 T	Ethyl Benzene	1.349	1.401	-3.9	102	0.00
59 T	m/p-Xylene	1.179	1.189	-0.8	103	0.00
60 T	o-Xylene	1.183	1.198	-1.3	103	0.00
61 T	Styrene	0.809	0.884	-9.3	103	0.00
62	Isopropylbenzene	1.548	1.565	-1.1	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.949	0.845	11.0	103	0.00
64	n-propylbenzene	0.395	0.407	-3.0	103	0.00
65	tert-Butylbenzene	1.398	1.425	-1.9	105	0.00
66 T	Benzyl Chloride	0.613	0.746	-21.7	106	0.00
67	sec-Butylbenzene	1.964	1.932	1.6	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.839	-0.6	97	0.00
69	p-Isopropyltoluene	1.593	1.628	-2.2	104	0.00
70	n-Butylbenzene	1.719	1.679	2.3	103	0.00
71	2-Chlorotoluene	1.202	1.214	-1.0	102	0.00
72 T	4-Ethyltoluene	1.324	1.382	-4.4	104	0.00
73 T	1,3,5-Trimethylbenzene	1.299	1.317	-1.4	102	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.372	1.3	103	0.00
75 T	1,3-Dichlorobenzene	0.832	0.785	5.6	106	0.00
76 T	1,4-Dichlorobenzene	0.801	0.782	2.4	102	0.00
77 T	1,2-Dichlorobenzene	0.782	0.750	4.1	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.743	0.717	3.5	111	0.00
79 T	Naphthalene	1.047	1.258	-20.2	103	0.00
80 T	Naphthalene,2-methyl-	0.290	0.646	-122.8#	149	0.00
81 T	1,2,4-Trichlorobenzene	0.682	0.757	-11.0	104	0.00

(#) = Out of Range

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