

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL020420\
 Data File : VL034577.D
 Acq On : 4 Feb 2020 11:42
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 05 05:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 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	100	0.00
2 T	Dichlorodifluoromethane	2.203	1.876	14.8	100	0.00
3	Chlorodifluoromethane	1.208	1.054	12.7	98	0.00
4	Chloromethane	0.739	0.634	14.2	97	0.00
5 T	Vinyl Chloride	0.706	0.593	16.0	96	0.00
6 T	Bromomethane	0.367	0.326	11.2	97	0.00
7	Chloroethane	0.263	0.230	12.5	98	0.00
8 T	Dichlorotetrafluoroethane	1.722	1.479	14.1	101	0.00
9 T	Propene	0.470	0.417	11.3	99	0.00
10 T	Heptane	1.184	1.126	4.9	97	0.00
11 T	Trichlorofluoromethane	2.001	1.734	13.3	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.172	10.2	101	0.00
13	Ethanol	0.126	0.092	27.0	93	0.00
14 T	Bromoethene	0.512	0.468	8.6	98	0.00
15 T	Acetone	1.470	1.203	18.2	99	0.00
16 T	1,3-Butadiene	0.584	0.549	6.0	99	0.00
17	tert-Butyl alcohol	1.081	0.983	9.1	96	0.00
18 T	1,1-Dichloroethene	0.551	0.522	5.3	103	0.00
19 T	Isopropyl Alcohol	0.858	0.734	14.5	94	0.00
20 T	Methylene Chloride	0.560	0.446	20.4	98	0.00
21 T	Allyl Chloride	0.913	0.857	6.1	100	0.00
22 T	trans-1,2-Dichloroethene	0.577	0.529	8.3	100	0.00
23 T	Vinyl Acetate	1.677	1.559	7.0	97	0.00
24 T	1,1-Dichloroethane	1.400	1.246	11.0	99	0.00
25 T	Ethyl Acetate	2.379	2.094	12.0	97	0.00
26 T	Hexane	0.997	0.904	9.3	99	0.00
27 T	Carbon Disulfide	1.345	1.356	-0.8	101	0.00
28 T	Methyl tert-Butyl Ether	1.700	1.613	5.1	101	0.00
29 T	Chloroform	1.762	1.540	12.6	98	0.00
30 T	Cyclohexane	0.739	0.729	1.4	101	0.00
31 T	cis-1,2-Dichloroethene	1.035	0.967	6.6	97	0.00
32 T	1,1,1-Trichloroethane	1.892	1.634	13.6	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.726	0.647	10.9	98	0.00
35 T	Carbon Tetrachloride	0.956	0.866	9.4	100	0.00
36 T	Benzene	0.889	0.841	5.4	99	0.00
37 T	1,2-Dichloroethane	0.742	0.667	10.1	100	0.00
38 T	Trichloroethene	0.375	0.364	2.9	99	0.00
39 T	1,2-Dichloropropane	0.369	0.334	9.5	98	0.00
40 T	1,4-Dioxane	0.142	0.124	12.7	94	0.00
41 T	Tetrahydrofuran	0.379	0.354	6.6	98	0.00
42 T	Bromodichloromethane	0.913	0.851	6.8	100	0.00
43	Methyl Methacrylate	0.358	0.354	1.1	99	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.474	8.6	98	0.00
45 T	t-1,3-Dichloropropene	0.468	0.512	-9.4	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.556	-4.5	98	0.00
47 T	1,1,2-Trichloroethane	0.399	0.365	8.5	98	0.00
48 T	Dibromochloromethane	0.732	0.713	2.6	98	0.00
49 T	Bromoform	0.642	0.645	-0.5	98	0.00
50 T	4-Methyl-2-Pentanone	1.035	0.968	6.5	97	0.01
51 T	2-Hexanone	0.815	0.806	1.1	97	0.00
52 T	Tetrachloroethene	0.357	0.326	8.7	99	0.00
53 T	Toluene	0.977	0.971	0.6	98	0.00
54 T	1,2-Dibromoethane	0.598	0.554	7.4	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.01
56	1,1,1,2-Tetrachloroethane	0.494	0.447	9.5	98	0.00
57 T	Chlorobenzene	0.823	0.733	10.9	99	0.00
58 T	Ethyl Benzene	1.338	1.277	4.6	99	0.00
59 T	m/p-Xylene	1.183	1.068	9.7	97	0.00
60 T	o-Xylene	1.188	1.100	7.4	99	0.00
61 T	Styrene	0.792	0.789	0.4	97	0.00
62	Isopropylbenzene	1.539	1.405	8.7	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.919	0.764	16.9	98	0.00
64	n-propylbenzene	0.396	0.370	6.6	98	0.01
65	tert-Butylbenzene	1.395	1.275	8.6	99	0.00
66 T	Benzyl Chloride	0.585	0.628	-7.4	98	0.00
67	sec-Butylbenzene	1.917	1.716	10.5	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.845	0.841	0.5	101	0.00
69	p-Isopropyltoluene	1.556	1.438	7.6	98	0.00
70	n-Butylbenzene	1.652	1.484	10.2	98	0.00
71	2-Chlorotoluene	1.169	1.085	7.2	97	0.00
72 T	4-Ethyltoluene	1.305	1.229	5.8	99	0.00
73 T	1,3,5-Trimethylbenzene	1.275	1.183	7.2	98	0.00
74 T	1,2,4-Trimethylbenzene	1.412	1.232	12.7	98	0.00
75 T	1,3-Dichlorobenzene	0.813	0.695	14.5	98	0.00
76 T	1,4-Dichlorobenzene	0.801	0.694	13.4	98	0.01
77 T	1,2-Dichlorobenzene	0.781	0.652	16.5	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.747	0.615	17.7	99	0.00
79 T	Naphthalene	1.111	1.047	5.8	99	0.01
80 T	Naphthalene,2-methyl-	0.428	0.522	-22.0	104	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.639	6.7	100	0.00

(#) = Out of Range

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