

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL020620\
 Data File : VL034601.D
 Acq On : 6 Feb 2020 14:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 07 07:48:59 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	90	0.03
2 T	Dichlorodifluoromethane	2.203	1.855	15.8	89	0.02
3	Chlorodifluoromethane	1.208	1.113	7.9	93	0.02
4	Chloromethane	0.739	0.672	9.1	93	0.02
5 T	Vinyl Chloride	0.706	0.642	9.1	93	0.02
6 T	Bromomethane	0.367	0.354	3.5	95	0.02
7	Chloroethane	0.263	0.256	2.7	98	0.02
8 T	Dichlorotetrafluoroethane	1.722	1.602	7.0	98	0.02
9 T	Propene	0.470	0.428	8.9	91	0.02
10 T	Heptane	1.184	1.183	0.1	91	0.03
11 T	Trichlorofluoromethane	2.001	1.918	4.1	99	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.263	3.2	98	0.02
13	Ethanol	0.126	0.099	21.4	91	0.02
14 T	Bromoethene	0.512	0.510	0.4	96	0.02
15 T	Acetone	1.470	1.311	10.8	96	0.02
16 T	1,3-Butadiene	0.584	0.581	0.5	94	0.02
17	tert-Butyl alcohol	1.081	1.141	-5.6	100	0.02
18 T	1,1-Dichloroethene	0.551	0.557	-1.1	98	0.03
19 T	Isopropyl Alcohol	0.858	0.839	2.2	96	0.02
20 T	Methylene Chloride	0.560	0.496	11.4	98	0.03
21 T	Allyl Chloride	0.913	0.933	-2.2	98	0.02
22 T	trans-1,2-Dichloroethene	0.577	0.589	-2.1	100	0.02
23 T	Vinyl Acetate	1.677	1.626	3.0	91	0.03
24 T	1,1-Dichloroethane	1.400	1.312	6.3	93	0.02
25 T	Ethyl Acetate	2.379	2.191	7.9	91	0.03
26 T	Hexane	0.997	0.948	4.9	93	0.03
27 T	Carbon Disulfide	1.345	1.455	-8.2	97	0.02
28 T	Methyl tert-Butyl Ether	1.700	1.662	2.2	94	0.03
29 T	Chloroform	1.762	1.641	6.9	94	0.02
30 T	Cyclohexane	0.739	0.760	-2.8	94	0.02
31 T	cis-1,2-Dichloroethene	1.035	1.026	0.9	93	0.03
32 T	1,1,1-Trichloroethane	1.892	1.741	8.0	96	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.03
34 T	2-Butanone	0.726	0.679	6.5	92	0.02
35 T	Carbon Tetrachloride	0.956	0.926	3.1	96	0.03
36 T	Benzene	0.889	0.864	2.8	92	0.03
37 T	1,2-Dichloroethane	0.742	0.723	2.6	97	0.03
38 T	Trichloroethene	0.375	0.385	-2.7	94	0.03
39 T	1,2-Dichloropropane	0.369	0.356	3.5	94	0.03
40 T	1,4-Dioxane	0.142	0.135	4.9	91	0.03
41 T	Tetrahydrofuran	0.379	0.363	4.2	90	0.03
42 T	Bromodichloromethane	0.913	0.899	1.5	95	0.03
43	Methyl Methacrylate	0.358	0.376	-5.0	95	0.03
44 T	2,2,4-Trimethylpentane	1.613	1.558	3.4	93	0.03
45 T	t-1,3-Dichloropropene	0.468	0.536	-14.5	93	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.584	-9.8	92	0.03
47 T	1,1,2-Trichloroethane	0.399	0.387	3.0	94	0.03
48 T	Dibromochloromethane	0.732	0.764	-4.4	94	0.03
49 T	Bromoform	0.642	0.692	-7.8	95	0.04
50 T	4-Methyl-2-Pentanone	1.035	1.029	0.6	93	0.03
51 T	2-Hexanone	0.815	0.846	-3.8	92	0.03
52 T	Tetrachloroethene	0.357	0.345	3.4	94	0.03
53 T	Toluene	0.977	1.027	-5.1	93	0.03
54 T	1,2-Dibromoethane	0.598	0.589	1.5	94	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.04
56	1,1,1,2-Tetrachloroethane	0.494	0.468	5.3	95	0.03
57 T	Chlorobenzene	0.823	0.753	8.5	94	0.03
58 T	Ethyl Benzene	1.338	1.320	1.3	94	0.04
59 T	m/p-Xylene	1.183	1.113	5.9	93	0.04
60 T	o-Xylene	1.188	1.143	3.8	95	0.03
61 T	Styrene	0.792	0.820	-3.5	93	0.03
62	Isopropylbenzene	1.539	1.474	4.2	95	0.04
63 T	1,1,2,2-Tetrachloroethane	0.919	0.795	13.5	94	0.03
64	n-propylbenzene	0.396	0.381	3.8	93	0.04
65	tert-Butylbenzene	1.395	1.332	4.5	95	0.04
66 T	Benzyl Chloride	0.585	0.656	-12.1	94	0.04
67	sec-Butylbenzene	1.917	1.793	6.5	95	0.04
68 S	1-Bromo-4-Fluorobenzene	0.845	0.833	1.4	93	0.04
69	p-Isopropyltoluene	1.556	1.498	3.7	94	0.04
70	n-Butylbenzene	1.652	1.571	4.9	96	0.04
71	2-Chlorotoluene	1.169	1.134	3.0	93	0.04
72 T	4-Ethyltoluene	1.305	1.280	1.9	95	0.04
73 T	1,3,5-Trimethylbenzene	1.275	1.238	2.9	95	0.04
74 T	1,2,4-Trimethylbenzene	1.412	1.310	7.2	97	0.04
75 T	1,3-Dichlorobenzene	0.813	0.727	10.6	95	0.04
76 T	1,4-Dichlorobenzene	0.801	0.714	10.9	93	0.04
77 T	1,2-Dichlorobenzene	0.781	0.689	11.8	94	0.04
78 T	Hexachloro-1,3-Butadiene	0.747	0.620	17.0	92	0.04
79 T	Naphthalene	1.111	1.093	1.6	95	0.04
80 T	Naphthalene,2-methyl-	0.428	0.568	-32.7#	105	0.03
81 T	1,2,4-Trichlorobenzene	0.685	0.656	4.2	95	0.04

(#) = Out of Range

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