

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL020420\
 Data File : VL034599.D
 Acq On : 5 Feb 2020 9:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 05 10:23:13 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	91	0.00
2 T	Dichlorodifluoromethane	2.203	1.187	46.1#	57	0.00
3	Chlorodifluoromethane	1.208	1.091	9.7	92	0.00
4	Chloromethane	0.739	0.660	10.7	92	0.00
5 T	Vinyl Chloride	0.706	0.631	10.6	93	0.00
6 T	Bromomethane	0.367	0.353	3.8	95	0.00
7	Chloroethane	0.263	0.246	6.5	95	0.00
8 T	Dichlorotetrafluoroethane	1.722	1.535	10.9	94	0.00
9 T	Propene	0.470	0.418	11.1	90	0.00
10 T	Heptane	1.184	1.162	1.9	90	0.00
11 T	Trichlorofluoromethane	2.001	1.845	7.8	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.221	6.4	95	0.00
13	Ethanol	0.126	0.114	9.5	105	0.00
14 T	Bromoethene	0.512	0.491	4.1	93	0.00
15 T	Acetone	1.470	1.264	14.0	94	0.00
16 T	1,3-Butadiene	0.584	0.578	1.0	94	0.00
17	tert-Butyl alcohol	1.081	1.276	-18.0	112	0.00
18 T	1,1-Dichloroethene	0.551	0.540	2.0	96	0.00
19 T	Isopropyl Alcohol	0.858	0.994	-15.9	115	0.00
20 T	Methylene Chloride	0.560	0.484	13.6	97	0.00
21 T	Allyl Chloride	0.913	0.887	2.8	94	0.00
22 T	trans-1,2-Dichloroethene	0.577	0.550	4.7	94	0.00
23 T	Vinyl Acetate	1.677	1.620	3.4	91	0.00
24 T	1,1-Dichloroethane	1.400	1.284	8.3	92	0.00
25 T	Ethyl Acetate	2.379	2.195	7.7	92	0.00
26 T	Hexane	0.997	0.933	6.4	92	0.00
27 T	Carbon Disulfide	1.345	1.419	-5.5	95	0.00
28 T	Methyl tert-Butyl Ether	1.700	1.636	3.8	93	0.00
29 T	Chloroform	1.762	1.592	9.6	92	0.00
30 T	Cyclohexane	0.739	0.719	2.7	90	0.00
31 T	cis-1,2-Dichloroethene	1.035	1.008	2.6	92	0.00
32 T	1,1,1-Trichloroethane	1.892	1.693	10.5	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.726	0.666	8.3	91	0.00
35 T	Carbon Tetrachloride	0.956	0.900	5.9	93	0.00
36 T	Benzene	0.889	0.855	3.8	91	0.00
37 T	1,2-Dichloroethane	0.742	0.694	6.5	93	0.00
38 T	Trichloroethene	0.375	0.370	1.3	90	0.00
39 T	1,2-Dichloropropane	0.369	0.345	6.5	91	0.00
40 T	1,4-Dioxane	0.142	0.150	-5.6	102	0.00
41 T	Tetrahydrofuran	0.379	0.358	5.5	89	0.00
42 T	Bromodichloromethane	0.913	0.868	4.9	91	0.00
43	Methyl Methacrylate	0.358	0.367	-2.5	93	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.548	4.0	92	0.00
45 T	t-1,3-Dichloropropene	0.468	0.509	-8.8	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.574	-7.9	91	0.00
47 T	1,1,2-Trichloroethane	0.399	0.374	6.3	90	0.00
48 T	Dibromochloromethane	0.732	0.722	1.4	89	0.00
49 T	Bromoform	0.642	0.627	2.3	86	0.00
50 T	4-Methyl-2-Pentanone	1.035	0.999	3.5	90	0.00
51 T	2-Hexanone	0.815	0.821	-0.7	89	0.00
52 T	Tetrachloroethene	0.357	0.336	5.9	92	0.00
53 T	Toluene	0.977	0.997	-2.0	91	0.00
54 T	1,2-Dibromoethane	0.598	0.565	5.5	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.494	0.454	8.1	90	0.00
57 T	Chlorobenzene	0.823	0.742	9.8	90	0.00
58 T	Ethyl Benzene	1.338	1.282	4.2	89	0.00
59 T	m/p-Xylene	1.183	1.110	6.2	91	0.00
60 T	o-Xylene	1.188	1.108	6.7	90	0.00
61 T	Styrene	0.792	0.793	-0.1	88	0.00
62	Isopropylbenzene	1.539	1.417	7.9	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.919	0.762	17.1	88	0.00
64	n-propylbenzene	0.396	0.368	7.1	88	0.00
65	tert-Butylbenzene	1.395	1.305	6.5	91	0.00
66 T	Benzyl Chloride	0.585	0.628	-7.4	88	0.00
67	sec-Butylbenzene	1.917	1.798	6.2	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.845	0.843	0.2	92	0.00
69	p-Isopropyltoluene	1.556	1.529	1.7	94	0.00
70	n-Butylbenzene	1.652	1.663	-0.7	99	0.00
71	2-Chlorotoluene	1.169	1.104	5.6	89	0.00
72 T	4-Ethyltoluene	1.305	1.235	5.4	90	0.00
73 T	1,3,5-Trimethylbenzene	1.275	1.216	4.6	91	0.00
74 T	1,2,4-Trimethylbenzene	1.412	1.302	7.8	94	0.00
75 T	1,3-Dichlorobenzene	0.813	0.755	7.1	97	0.00
76 T	1,4-Dichlorobenzene	0.801	0.748	6.6	96	0.00
77 T	1,2-Dichlorobenzene	0.781	0.744	4.7	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.747	0.761	-1.9	111	0.00
79 T	Naphthalene	1.111	1.335	-20.2	114	0.00
80 T	Naphthalene,2-methyl-	0.428	0.480	-12.1	87	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.820	-19.7	116	0.00

(#) = Out of Range

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