

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL021920\
 Data File : VL034665.D
 Acq On : 20 Feb 2020 9:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 20 15:10:11 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	72	0.00
2 T	Dichlorodifluoromethane	2.203	1.671	24.1	64	0.00
3	Chlorodifluoromethane	1.208	1.381	-14.3	93	0.00
4	Chloromethane	0.739	0.841	-13.8	93	0.00
5 T	Vinyl Chloride	0.706	0.805	-14.0	94	0.00
6 T	Bromomethane	0.367	0.450	-22.6	97	0.00
7	Chloroethane	0.263	0.307	-16.7	94	0.00
8 T	Dichlorotetrafluoroethane	1.722	1.973	-14.6	96	0.00
9 T	Propene	0.470	0.519	-10.4	88	0.00
10 T	Heptane	1.184	1.398	-18.1	86	0.00
11 T	Trichlorofluoromethane	2.001	2.387	-19.3	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.603	-22.8	99	0.00
13	Ethanol	0.126	0.137	-8.7	100	0.00
14 T	Bromoethene	0.512	0.626	-22.3	95	0.00
15 T	Acetone	1.470	1.639	-11.5	96	0.00
16 T	1,3-Butadiene	0.584	0.714	-22.3	92	0.00
17	tert-Butyl alcohol	1.081	1.532	-41.7#	107	0.00
18 T	1,1-Dichloroethene	0.551	0.700	-27.0	99	0.00
19 T	Isopropyl Alcohol	0.858	1.189	-38.6#	109	0.00
20 T	Methylene Chloride	0.560	0.606	-8.2	96	0.00
21 T	Allyl Chloride	0.913	1.145	-25.4	96	0.00
22 T	trans-1,2-Dichloroethene	0.577	0.724	-25.5	98	0.00
23 T	Vinyl Acetate	1.677	1.935	-15.4	87	0.00
24 T	1,1-Dichloroethane	1.400	1.614	-15.3	92	0.00
25 T	Ethyl Acetate	2.379	2.689	-13.0	90	0.00
26 T	Hexane	0.997	1.146	-14.9	90	0.00
27 T	Carbon Disulfide	1.345	1.828	-35.9#	97	0.00
28 T	Methyl tert-Butyl Ether	1.700	1.985	-16.8	89	0.00
29 T	Chloroform	1.762	2.008	-14.0	92	0.00
30 T	Cyclohexane	0.739	0.920	-24.5	91	-0.01
31 T	cis-1,2-Dichloroethene	1.035	1.229	-18.7	89	0.00
32 T	1,1,1-Trichloroethane	1.892	2.106	-11.3	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
34 T	2-Butanone	0.726	0.805	-10.9	88	0.00
35 T	Carbon Tetrachloride	0.956	1.127	-17.9	94	0.00
36 T	Benzene	0.889	1.053	-18.4	90	0.00
37 T	1,2-Dichloroethane	0.742	0.863	-16.3	94	0.00
38 T	Trichloroethene	0.375	0.465	-24.0	92	0.00
39 T	1,2-Dichloropropane	0.369	0.421	-14.1	89	0.00
40 T	1,4-Dioxane	0.142	0.177	-24.6	97	0.00
41 T	Tetrahydrofuran	0.379	0.437	-15.3	87	0.00
42 T	Bromodichloromethane	0.913	1.084	-18.7	92	0.00
43	Methyl Methacrylate	0.358	0.449	-25.4	91	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.885	-16.9	91	0.00
45 T	t-1,3-Dichloropropene	0.468	0.632	-35.0#	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.711	-33.6#	91	0.00
47 T	1,1,2-Trichloroethane	0.399	0.470	-17.8	92	0.00
48 T	Dibromochloromethane	0.732	0.913	-24.7	91	0.00
49 T	Bromoform	0.642	0.816	-27.1	90	0.00
50 T	4-Methyl-2-Pentanone	1.035	1.213	-17.2	88	0.00
51 T	2-Hexanone	0.815	0.995	-22.1	87	0.00
52 T	Tetrachloroethene	0.357	0.421	-17.9	93	-0.01
53 T	Toluene	0.977	1.239	-26.8	91	0.00
54 T	1,2-Dibromoethane	0.598	0.710	-18.7	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
56	1,1,1,2-Tetrachloroethane	0.494	0.546	-10.5	92	-0.01
57 T	Chlorobenzene	0.823	0.904	-9.8	93	0.00
58 T	Ethyl Benzene	1.338	1.548	-15.7	92	0.00
59 T	m/p-Xylene	1.183	1.321	-11.7	92	0.00
60 T	o-Xylene	1.188	1.339	-12.7	93	-0.01
61 T	Styrene	0.792	0.962	-21.5	90	0.00
62	Isopropylbenzene	1.539	1.726	-12.2	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.919	0.930	-1.2	91	0.00
64	n-propylbenzene	0.396	0.439	-10.9	89	0.00
65	tert-Butylbenzene	1.395	1.586	-13.7	94	-0.01
66 T	Benzyl Chloride	0.585	0.758	-29.6	91	0.00
67	sec-Butylbenzene	1.917	2.140	-11.6	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.845	0.802	5.1	74	0.00
69	p-Isopropyltoluene	1.556	1.806	-16.1	94	0.00
70	n-Butylbenzene	1.652	1.881	-13.9	95	0.00
71	2-Chlorotoluene	1.169	1.316	-12.6	90	0.00
72 T	4-Ethyltoluene	1.305	1.495	-14.6	92	0.00
73 T	1,3,5-Trimethylbenzene	1.275	1.456	-14.2	93	0.00
74 T	1,2,4-Trimethylbenzene	1.412	1.543	-9.3	94	-0.01
75 T	1,3-Dichlorobenzene	0.813	0.863	-6.2	94	0.00
76 T	1,4-Dichlorobenzene	0.801	0.862	-7.6	94	0.00
77 T	1,2-Dichlorobenzene	0.781	0.819	-4.9	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.747	0.777	-4.0	96	0.00
79 T	Naphthalene	1.111	1.319	-18.7	95	0.00
80 T	Naphthalene,2-methyl-	0.428	0.709	-65.7#	109	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.805	-17.5	97	0.00

(#) = Out of Range

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