

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040423\
 Data File : VL040301.D
 Acq On : 4 Apr 2023 9:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 05 01:29:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	1.962	1.839	6.3	144	0.01
3	Chlorodifluoromethane	1.257	1.105	12.1	100	0.01
4	Chloromethane	0.776	0.701	9.7	100	0.01
5 T	Vinyl Chloride	0.629	0.603	4.1	101	0.00
6 T	Bromomethane	0.218	0.201	7.8	100	0.00
7	Chloroethane	0.241	0.219	9.1	97	0.00
8 T	Dichlorotetrafluoroethane	1.679	1.528	9.0	102	0.01
9 T	Propene	0.482	0.456	5.4	109	0.01
10 T	Heptane	1.159	1.128	2.7	98	0.00
11 T	Trichlorofluoromethane	1.778	1.579	11.2	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.182	11.5	96	0.00
13	Ethanol	0.035	0.027#	22.9	92	0.00
14 T	Bromoethene	0.498	0.495	0.6	102	0.00
15 T	Acetone	1.217	1.043	14.3	97	0.00
16 T	1,3-Butadiene	0.553	0.538	2.7	101	0.01
17	tert-Butyl alcohol	1.157	1.080	6.7	92	0.00
18 T	1,1-Dichloroethene	0.573	0.526	8.2	98	0.00
19 T	Isopropyl Alcohol	0.583	0.470	19.4	87	0.00
20 T	Methylene Chloride	0.512	0.426	16.8	96	0.00
21 T	Allyl Chloride	0.789	0.750	4.9	98	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.545	6.5	97	0.00
23 T	Vinyl Acetate	0.339	0.361	-6.5	109	0.00
24 T	1,1-Dichloroethane	1.208	1.099	9.0	98	0.00
25 T	Ethyl Acetate	2.279	2.117	7.1	104	0.00
26 T	Hexane	0.936	0.893	4.6	106	0.00
27 T	Carbon Disulfide	1.307	1.305	0.2	97	0.00
28 T	Methyl tert-Butyl Ether	1.074	1.016	5.4	102	0.00
29 T	Chloroform	1.652	1.565	5.3	114	0.00
30 T	Cyclohexane	0.737	0.752	-2.0	100	0.00
31 T	cis-1,2-Dichloroethene	0.911	0.933	-2.4	109	0.00
32 T	1,1,1-Trichloroethane	1.583	1.597	-0.9	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.494	0.453	8.3	95	0.00
35 T	Carbon Tetrachloride	0.628	0.642	-2.2	99	0.00
36 T	Benzene	0.762	0.734	3.7	99	0.00
37 T	1,2-Dichloroethane	0.496	0.470	5.2	99	0.00
38 T	Trichloroethene	0.416	0.440	-5.8	96	0.00
39 T	1,2-Dichloropropane	0.299	0.284	5.0	99	0.00
40 T	1,4-Dioxane	0.118	0.105	11.0	87	0.00
41 T	Tetrahydrofuran	0.285	0.272	4.6	96	0.00
42 T	Bromodichloromethane	0.678	0.673	0.7	99	0.00
43	Methyl Methacrylate	0.283	0.291	-2.8	97	0.00
44 T	2,2,4-Trimethylpentane	1.271	1.236	2.8	100	0.00
45 T	t-1,3-Dichloropropene	0.247	0.275	-11.3	94	0.00
46 T	cis-1,3-Dichloropropene	0.351	0.380	-8.3	97	0.00
47 T	1,1,2-Trichloroethane	0.319	0.299	6.3	96	-0.01
48 T	Dibromochloromethane	0.525	0.511	2.7	93	0.00

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49 T	Bromoform	0.394	0.383	2.8	89	-0.01
50 T	4-Methyl-2-Pentanone	0.764	0.740	3.1	95	0.00
51 T	2-Hexanone	0.592	0.566	4.4	92	0.00
52 T	Tetrachloroethene	0.231	0.244	-5.6	97	0.00
53 T	Toluene	0.799	0.817	-2.3	96	0.00
54 T	1,2-Dibromoethane	0.328	0.326	0.6	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.01
56	1,1,1,2-Tetrachloroethane	0.421	0.362	14.0	92	0.00
57 T	Chlorobenzene	0.711	0.610	14.2	92	-0.01
58 T	Ethyl Benzene	1.139	1.092	4.1	94	-0.01
59 T	m/p-Xylene	1.043	0.947	9.2	93	0.00
60 T	o-Xylene	0.997	0.904	9.3	92	0.00
61 T	Styrene	0.506	0.509	-0.6	92	-0.01
62	Isopropylbenzene	1.420	1.274	10.3	93	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.351	0.286	18.5	93	0.00
64	n-propylbenzene	0.347	0.325	6.3	95	-0.01
65	tert-Butylbenzene	1.224	1.129	7.8	96	0.00
66 T	Benzyl Chloride	0.080	0.074	7.5	93	-0.02
67	sec-Butylbenzene	1.750	1.627	7.0	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.837	0.810	3.2	97	0.00
69	p-Isopropyltoluene	1.363	1.334	2.1	100	-0.01
70	n-Butylbenzene	1.501	1.479	1.5	102	-0.02
71	2-Chlorotoluene	1.081	0.980	9.3	93	-0.01
72 T	4-Ethyltoluene	1.090	1.037	4.9	94	-0.01
73 T	1,3,5-Trimethylbenzene	0.988	0.935	5.4	96	0.00
74 T	1,2,4-Trimethylbenzene	1.126	1.036	8.0	97	-0.01
75 T	1,3-Dichlorobenzene	0.610	0.577	5.4	101	-0.01
76 T	1,4-Dichlorobenzene	0.582	0.566	2.7	101	-0.01
77 T	1,2-Dichlorobenzene	0.586	0.572	2.4	107	-0.01
78 T	Hexachloro-1,3-Butadiene	0.430	0.406	5.6	105	-0.01
79 T	Naphthalene	0.666	0.817	-22.7	99	-0.02
80 T	Naphthalene,2-methyl-	0.169	0.122	27.8	52	-0.01
81 T	1,2,4-Trichlorobenzene	0.410	0.430	-4.9	99	-0.02

(#) = Out of Range

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