

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040644.D
 Acq On : 5 Sep 2023 12:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 06 02:05:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 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	87	0.00
2 T	Dichlorodifluoromethane	2.154	1.579	26.7	72	0.00
3	Chlorodifluoromethane	1.642	1.530	6.8	92	0.00
4	Chloromethane	0.640	0.580	9.4	88	0.00
5 T	Vinyl Chloride	0.680	0.644	5.3	91	0.00
6 T	Bromomethane	0.356	0.327	8.1	89	0.00
7	Chloroethane	0.248	0.248	0.0	97	0.00
8 T	Dichlorotetrafluoroethane	1.743	1.721	1.3	97	0.00
9 T	Propene	0.509	0.445	12.6	82	0.00
10 T	Heptane	1.172	1.150	1.9	87	-0.01
11 T	Trichlorofluoromethane	1.739	1.825	-4.9	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.291	1.314	-1.8	101	0.00
13	Ethanol	0.142	0.116	18.3	77	-0.01
14 T	Bromoethene	0.524	0.539	-2.9	95	0.00
15 T	Acetone	1.223	1.158	5.3	95	0.00
16 T	1,3-Butadiene	0.608	0.580	4.6	89	0.00
17	tert-Butyl alcohol	1.297	1.343	-3.5	91	0.00
18 T	1,1-Dichloroethene	0.585	0.597	-2.1	101	0.00
19 T	Isopropyl Alcohol	0.776	0.800	-3.1	89	0.00
20 T	Methylene Chloride	0.598	0.506	15.4	100	0.00
21 T	Allyl Chloride	0.809	0.769	4.9	88	0.00
22 T	trans-1,2-Dichloroethene	0.574	0.584	-1.7	95	0.00
23 T	Vinyl Acetate	1.394	1.333	4.4	88	0.00
24 T	1,1-Dichloroethane	1.192	1.200	-0.7	97	0.00
25 T	Ethyl Acetate	2.297	2.109	8.2	90	0.00
26 T	Hexane	1.111	0.925	16.7	85	0.00
27 T	Carbon Disulfide	1.323	1.468	-11.0	97	0.00
28 T	Methyl tert-Butyl Ether	0.859	0.834	2.9	91	0.00
29 T	Chloroform	1.759	1.661	5.6	92	0.00
30 T	Cyclohexane	0.850	0.780	8.2	86	0.00
31 T	cis-1,2-Dichloroethene	1.003	0.942	6.1	85	0.00
32 T	1,1,1-Trichloroethane	1.685	1.725	-2.4	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.504	0.490	2.8	89	0.00
35 T	Carbon Tetrachloride	0.626	0.681	-8.8	97	0.00
36 T	Benzene	0.796	0.743	6.7	85	0.00
37 T	1,2-Dichloroethane	0.480	0.486	-1.3	94	0.00
38 T	Trichloroethene	0.308	0.318	-3.2	93	0.00
39 T	1,2-Dichloropropane	0.303	0.280	7.6	85	0.00
40 T	1,4-Dioxane	0.115	0.118	-2.6	83	-0.01
41 T	Tetrahydrofuran	0.285	0.264	7.4	82	0.00
42 T	Bromodichloromethane	0.668	0.698	-4.5	93	0.00
43	Methyl Methacrylate	0.298	0.311	-4.4	88	-0.01
44 T	2,2,4-Trimethylpentane	1.286	1.243	3.3	87	0.00
45 T	t-1,3-Dichloropropene	0.238	0.284	-19.3	92	-0.01
46 T	cis-1,3-Dichloropropene	0.290	0.331	-14.1	91	-0.01
47 T	1,1,2-Trichloroethane	0.342	0.326	4.7	88	0.00
48 T	Dibromochloromethane	0.535	0.584	-9.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.429	0.495	-15.4	96	-0.02
50 T	4-Methyl-2-Pentanone	0.737	0.745	-1.1	88	0.00
51 T	2-Hexanone	0.519	0.560	-7.9	90	-0.01
52 T	Tetrachloroethene	0.249	0.265	-6.4	88	-0.01
53 T	Toluene	0.845	0.869	-2.8	86	0.00
54 T	1,2-Dibromoethane	0.435	0.473	-8.7	88	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.01
56	1,1,1,2-Tetrachloroethane	0.463	0.458	1.1	95	0.00
57 T	Chlorobenzene	0.772	0.740	4.1	91	0.00
58 T	Ethyl Benzene	1.206	1.265	-4.9	89	0.00
59 T	m/p-Xylene	1.100	1.129	-2.6	92	-0.01
60 T	o-Xylene	1.043	1.092	-4.7	93	-0.01
61 T	Styrene	0.457	0.528	-15.5	88	-0.02
62	Isopropylbenzene	1.578	1.592	-0.9	93	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.781	0.776	0.6	92	0.00
64	n-propylbenzene	0.399	0.409	-2.5	93	0.00
65	tert-Butylbenzene	1.368	1.418	-3.7	95	0.00
66 T	Benzyl Chloride	0.172	0.185	-7.6	92	0.00
67	sec-Butylbenzene	1.995	2.021	-1.3	94	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.795	0.842	-5.9	92	-0.01
69	p-Isopropyltoluene	1.561	1.632	-4.5	94	-0.01
70	n-Butylbenzene	1.704	1.783	-4.6	94	-0.01
71	2-Chlorotoluene	1.171	1.231	-5.1	93	-0.01
72 T	4-Ethyltoluene	1.177	1.264	-7.4	92	0.00
73 T	1,3,5-Trimethylbenzene	1.052	1.100	-4.6	94	0.00
74 T	1,2,4-Trimethylbenzene	1.229	1.258	-2.4	96	-0.02
75 T	1,3-Dichlorobenzene	0.710	0.718	-1.1	94	-0.01
76 T	1,4-Dichlorobenzene	0.694	0.701	-1.0	93	0.00
77 T	1,2-Dichlorobenzene	0.699	0.695	0.6	95	-0.01
78 T	Hexachloro-1,3-Butadiene	0.530	0.491	7.4	97	-0.01
79 T	Naphthalene	0.811	1.053	-29.8	94	-0.01
80 T	Naphthalene,2-methyl-	0.234	0.374	-59.8#	107	-0.01
81 T	1,2,4-Trichlorobenzene	0.534	0.587	-9.9	97	-0.02

(#) = Out of Range

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