

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011624\
 Data File : VL040982.D
 Acq On : 16 Jan 2024 11:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 17 00:23:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 17 00:20:56 2024
 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	82	0.00
2 T	Dichlorodifluoromethane	1.905	1.984	-4.1	95	-0.05
3	Chlorodifluoromethane	1.505	1.679	-11.6	102	-0.05
4	Chloromethane	0.555	0.627	-13.0	103	-0.05
5 T	Vinyl Chloride	0.536	0.652	-21.6	106	-0.04
6 T	Bromomethane	0.238	0.262	-10.1	96	-0.04
7	Chloroethane	0.191	0.219	-14.7	102	-0.03
8 T	Dichlorotetrafluoroethane	1.372	1.585	-15.5	104	-0.05
9 T	Propene	0.497	0.573	-15.3	100	-0.05
10 T	Heptane	1.234	1.411	-14.3	99	0.02
11 T	Trichlorofluoromethane	1.489	1.777	-19.3	106	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.156	1.270	-9.9	105	-0.02
13	Ethanol	0.125	0.112	10.4	89	-0.03
14 T	Bromoethene	0.424	0.513	-21.0	106	-0.03
15 T	Acetone	1.199	1.227	-2.3	105	-0.03
16 T	1,3-Butadiene	0.516	0.617	-19.6	103	-0.04
17	tert-Butyl alcohol	0.887	1.191	-34.3#	116	-0.02
18 T	1,1-Dichloroethene	0.477	0.568	-19.1	108	-0.02
19 T	Isopropyl Alcohol	0.626	0.785	-25.4	113	-0.03
20 T	Methylene Chloride	0.428	0.474	-10.7	107	-0.02
21 T	Allyl Chloride	0.709	0.810	-14.2	100	-0.02
22 T	trans-1,2-Dichloroethene	0.544	0.602	-10.7	90	0.00
23 T	Vinyl Acetate	1.323	1.348	-1.9	79	0.00
24 T	1,1-Dichloroethane	1.184	1.185	-0.1	86	0.00
25 T	Ethyl Acetate	2.078	2.078	0.0	85	0.00
26 T	Hexane	0.921	0.911	1.1	87	0.00
27 T	Carbon Disulfide	1.246	1.409	-13.1	105	-0.02
28 T	Methyl tert-Butyl Ether	0.855	0.880	-2.9	86	0.00
29 T	Chloroform	1.554	1.400	9.9	80	0.00
30 T	Cyclohexane	0.768	0.870	-13.3	97	0.02
31 T	cis-1,2-Dichloroethene	0.946	0.919	2.9	82	0.00
32 T	1,1,1-Trichloroethane	1.503	1.728	-15.0	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.02
34 T	2-Butanone	0.529	0.459	13.2	86	0.00
35 T	Carbon Tetrachloride	0.626	0.635	-1.4	99	0.02
36 T	Benzene	0.782	0.760	2.8	99	0.01
37 T	1,2-Dichloroethane	0.468	0.461	1.5	99	0.00
38 T	Trichloroethene	0.294	0.299	-1.7	103	0.02
39 T	1,2-Dichloropropane	0.307	0.298	2.9	99	0.02
40 T	1,4-Dioxane	0.130	0.121	6.9	100	0.03
41 T	Tetrahydrofuran	0.322	0.310	3.7	96	0.00
42 T	Bromodichloromethane	0.676	0.666	1.5	99	0.02
43	Methyl Methacrylate	0.307	0.315	-2.6	98	0.02
44 T	2,2,4-Trimethylpentane	1.328	1.253	5.6	99	0.02
45 T	t-1,3-Dichloropropene	0.227	0.246	-8.4	94	0.03
46 T	cis-1,3-Dichloropropene	0.282	0.293	-3.9	97	0.03
47 T	1,1,2-Trichloroethane	0.326	0.315	3.4	99	0.03
48 T	Dibromochloromethane	0.556	0.557	-0.2	98	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.429	0.445	-3.7	98	0.04
50 T	4-Methyl-2-Pentanone	0.801	0.794	0.9	98	0.03
51 T	2-Hexanone	0.577	0.588	-1.9	97	0.04
52 T	Tetrachloroethene	0.263	0.259	1.5	98	0.04
53 T	Toluene	0.867	0.865	0.2	99	0.04
54 T	1,2-Dibromoethane	0.447	0.451	-0.9	96	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.04
56	1,1,1,2-Tetrachloroethane	0.437	0.418	4.3	99	0.04
57 T	Chlorobenzene	0.736	0.683	7.2	99	0.04
58 T	Ethyl Benzene	1.284	1.215	5.4	99	0.04
59 T	m/p-Xylene	1.093	1.023	6.4	99	0.05
60 T	o-Xylene	1.029	0.969	5.8	99	0.05
61 T	Styrene	0.489	0.503	-2.9	97	0.05
62	Isopropylbenzene	1.527	1.415	7.3	99	0.05
63 T	1,1,2,2-Tetrachloroethane	0.742	0.698	5.9	98	0.04
64	n-propylbenzene	0.383	0.367	4.2	98	0.05
65	tert-Butylbenzene	1.298	1.240	4.5	99	0.05
66 T	Benzyl Chloride	0.089	0.064	28.1	60	0.05
67	sec-Butylbenzene	1.886	1.731	8.2	98	0.05
68 S	1-Bromo-4-Fluorobenzene	0.737	0.733	0.5	97	0.05
69	p-Isopropyltoluene	1.466	1.388	5.3	97	0.05
70	n-Butylbenzene	1.522	1.452	4.6	97	0.05
71	2-Chlorotoluene	1.176	1.096	6.8	98	0.05
72 T	4-Ethyltoluene	1.130	1.119	1.0	98	0.05
73 T	1,3,5-Trimethylbenzene	0.975	0.943	3.3	96	0.04
74 T	1,2,4-Trimethylbenzene	1.085	1.049	3.3	98	0.05
75 T	1,3-Dichlorobenzene	0.620	0.587	5.3	96	0.05
76 T	1,4-Dichlorobenzene	0.606	0.572	5.6	96	0.05
77 T	1,2-Dichlorobenzene	0.597	0.556	6.9	95	0.05
78 T	Hexachloro-1,3-Butadiene	0.367	0.301	18.0	95	0.06
79 T	Naphthalene	0.523	0.693	-32.5#	104	0.06
80 T	Naphthalene,2-methyl-	0.096	0.131	-36.5#	124	0.04
81 T	1,2,4-Trichlorobenzene	0.300	0.335	-11.7	97	0.05

(#) = Out of Range

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