

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041089.D
 Acq On : 11 Mar 2024 16:12
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031124

Quant Time: Mar 12 06:43:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 12 06:25:15 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	100	0.00
2 T	Dichlorodifluoromethane	1.906	1.749	8.2	98	0.00
3	Chlorodifluoromethane	1.469	1.368	6.9	100	0.00
4	Chloromethane	0.556	0.520	6.5	103	0.00
5 T	Vinyl Chloride	0.566	0.547	3.4	102	0.00
6 T	Bromomethane	0.224	0.221	1.3	99	0.00
7	Chloroethane	0.196	0.185	5.6	98	0.00
8 T	Dichlorotetrafluoroethane	1.384	1.301	6.0	101	0.00
9 T	Propene	0.489	0.466	4.7	101	0.00
10 T	Heptane	1.170	1.194	-2.1	103	0.00
11 T	Trichlorofluoromethane	1.469	1.352	8.0	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.080	0.973	9.9	94	0.00
13	Ethanol	0.130	0.113	13.1	106	0.00
14 T	Bromoethene	0.421	0.409	2.9	101	0.00
15 T	Acetone	1.139	0.940	17.5	101	0.00
16 T	1,3-Butadiene	0.517	0.498	3.7	99	0.00
17	tert-Butyl alcohol	0.844	0.878	-4.0	111	0.00
18 T	1,1-Dichloroethene	0.472	0.438	7.2	97	0.00
19 T	Isopropyl Alcohol	0.609	0.622	-2.1	108	0.00
20 T	Methylene Chloride	0.444	0.365	17.8	96	0.00
21 T	Allyl Chloride	0.643	0.651	-1.2	105	0.00
22 T	trans-1,2-Dichloroethene	0.550	0.588	-6.9	107	0.00
23 T	Vinyl Acetate	1.289	1.462	-13.4	110	0.00
24 T	1,1-Dichloroethane	1.165	1.184	-1.6	103	0.00
25 T	Ethyl Acetate	2.053	2.055	-0.1	105	0.00
26 T	Hexane	0.917	0.896	2.3	104	0.00
27 T	Carbon Disulfide	1.100	1.156	-5.1	103	0.00
28 T	Methyl tert-Butyl Ether	0.811	0.873	-7.6	111	0.00
29 T	Chloroform	1.562	1.485	4.9	100	0.00
30 T	Cyclohexane	0.760	0.771	-1.4	107	0.00
31 T	cis-1,2-Dichloroethene	0.893	0.927	-3.8	105	0.00
32 T	1,1,1-Trichloroethane	1.415	1.491	-5.4	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
34 T	2-Butanone	0.495	0.482	2.6	104	0.00
35 T	Carbon Tetrachloride	0.584	0.583	0.2	101	0.00
36 T	Benzene	0.744	0.718	3.5	105	0.00
37 T	1,2-Dichloroethane	0.448	0.415	7.4	101	0.00
38 T	Trichloroethene	0.270	0.274	-1.5	103	0.00
39 T	1,2-Dichloropropane	0.298	0.278	6.7	104	0.00
40 T	1,4-Dioxane	0.117	0.109	6.8	102	0.00
41 T	Tetrahydrofuran	0.295	0.295	0.0	106	0.00
42 T	Bromodichloromethane	0.642	0.620	3.4	103	0.00
43	Methyl Methacrylate	0.288	0.301	-4.5	107	0.00
44 T	2,2,4-Trimethylpentane	1.243	1.164	6.4	103	0.00
45 T	t-1,3-Dichloropropene	0.198	0.231	-16.7	108	0.00
46 T	cis-1,3-Dichloropropene	0.249	0.274	-10.0	107	0.00
47 T	1,1,2-Trichloroethane	0.318	0.306	3.8	105	0.00
48 T	Dibromochloromethane	0.518	0.529	-2.1	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.412	0.424	-2.9	100	0.00
50 T	4-Methyl-2-Pentanone	0.730	0.727	0.4	103	0.00
51 T	2-Hexanone	0.535	0.529	1.1	102	0.00
52 T	Tetrachloroethene	0.231	0.247	-6.9	105	0.00
53 T	Toluene	0.802	0.825	-2.9	105	0.00
54 T	1,2-Dibromoethane	0.408	0.433	-6.1	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.399	6.8	103	0.00
57 T	Chlorobenzene	0.705	0.664	5.8	103	0.00
58 T	Ethyl Benzene	1.171	1.150	1.8	102	0.00
59 T	m/p-Xylene	1.028	0.966	6.0	101	0.00
60 T	o-Xylene	0.976	0.915	6.2	99	0.00
61 T	Styrene	0.441	0.494	-12.0	104	0.00
62	Isopropylbenzene	1.450	1.356	6.5	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.733	0.677	7.6	97	0.00
64	n-propylbenzene	0.365	0.358	1.9	103	0.00
65	tert-Butylbenzene	1.260	1.181	6.3	102	0.00
66 T	Benzyl Chloride	0.085	0.092	-8.2	104	0.00
67	sec-Butylbenzene	1.812	1.674	7.6	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.782	0.753	3.7	101	0.00
69	p-Isopropyltoluene	1.414	1.366	3.4	102	0.00
70	n-Butylbenzene	1.528	1.446	5.4	99	0.00
71	2-Chlorotoluene	1.109	1.052	5.1	100	0.00
72 T	4-Ethyltoluene	1.074	1.077	-0.3	102	0.00
73 T	1,3,5-Trimethylbenzene	0.951	0.931	2.1	102	0.00
74 T	1,2,4-Trimethylbenzene	1.086	1.015	6.5	101	0.00
75 T	1,3-Dichlorobenzene	0.620	0.594	4.2	101	0.00
76 T	1,4-Dichlorobenzene	0.625	0.576	7.8	100	0.00
77 T	1,2-Dichlorobenzene	0.606	0.576	5.0	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.427	0.352	17.6	104	0.00
79 T	Naphthalene	0.629	0.774	-23.1	107	0.00
80 T	Naphthalene,2-methyl-	0.101	0.141	-39.6#	124	0.00
81 T	1,2,4-Trichlorobenzene	0.362	0.380	-5.0	106	0.00

(#) = Out of Range

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