

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041681.D
 Acq On : 7 Nov 2024 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL110724

Quant Time: Nov 08 01:08:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 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	104	0.00
2 T	Dichlorodifluoromethane	1.807	1.472	18.5	81	0.00
3	Chlorodifluoromethane	1.303	1.173	10.0	103	0.00
4	Chloromethane	0.690	0.646	6.4	104	0.00
5 T	Vinyl Chloride	0.621	0.635	-2.3	106	0.00
6 T	Bromomethane	0.329	0.311	5.5	102	0.00
7	Chloroethane	0.227	0.218	4.0	102	0.00
8 T	Dichlorotetrafluoroethane	1.613	1.438	10.8	101	0.00
9 T	Propene	0.568	0.562	1.1	110	0.00
10 T	Heptane	1.272	1.331	-4.6	106	0.00
11 T	Trichlorofluoromethane	1.574	1.407	10.6	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.144	1.056	7.7	102	0.00
13	Ethanol	0.035	0.034#	2.9	124	0.00
14 T	Bromoethene	0.460	0.449	2.4	108	0.00
15 T	Acetone	1.231	1.073	12.8	102	0.00
16 T	1,3-Butadiene	0.621	0.625	-0.6	104	0.00
17	tert-Butyl alcohol	1.080	1.166	-8.0	117	0.00
18 T	1,1-Dichloroethene	0.502	0.483	3.8	106	0.00
19 T	Isopropyl Alcohol	0.588	0.625	-6.3	118	0.00
20 T	Methylene Chloride	0.453	0.403	11.0	105	0.00
21 T	Allyl Chloride	0.761	0.781	-2.6	107	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.494	1.0	106	0.00
23 T	Vinyl Acetate	0.543	0.541	0.4	110	0.00
24 T	1,1-Dichloroethane	1.114	1.022	8.3	102	0.00
25 T	Ethyl Acetate	2.548	2.509	1.5	106	0.00
26 T	Hexane	0.979	1.002	-2.3	108	0.00
27 T	Carbon Disulfide	1.100	1.171	-6.5	104	0.00
28 T	Methyl tert-Butyl Ether	0.630	0.627	0.5	114	0.00
29 T	Chloroform	1.616	1.481	8.4	101	0.00
30 T	Cyclohexane	0.833	0.850	-2.0	107	0.00
31 T	cis-1,2-Dichloroethene	0.942	0.977	-3.7	109	0.00
32 T	1,1,1-Trichloroethane	1.474	1.474	0.0	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
34 T	2-Butanone	0.498	0.517	-3.8	112	0.00
35 T	Carbon Tetrachloride	0.528	0.540	-2.3	99	0.00
36 T	Benzene	0.741	0.756	-2.0	106	0.00
37 T	1,2-Dichloroethane	0.418	0.407	2.6	103	0.00
38 T	Trichloroethene	0.285	0.301	-5.6	103	0.00
39 T	1,2-Dichloropropane	0.293	0.291	0.7	106	0.00
40 T	1,4-Dioxane	0.105	0.111	-5.7	104	0.00
41 T	Tetrahydrofuran	0.284	0.315	-10.9	111	0.00
42 T	Bromodichloromethane	0.581	0.581	0.0	102	0.00
43	Methyl Methacrylate	0.260	0.298	-14.6	108	0.00
44 T	2,2,4-Trimethylpentane	1.255	1.257	-0.2	104	0.00
45 T	t-1,3-Dichloropropene	0.238	0.289	-21.4	106	0.00
46 T	cis-1,3-Dichloropropene	0.341	0.395	-15.8	106	0.00
47 T	1,1,2-Trichloroethane	0.317	0.304	4.1	102	0.00
48 T	Dibromochloromethane	0.482	0.502	-4.1	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.412	0.434	-5.3	98	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.804	-5.2	103	0.00
51 T	2-Hexanone	0.557	0.630	-13.1	104	0.00
52 T	Tetrachloroethene	0.252	0.275	-9.1	104	0.00
53 T	Toluene	0.779	0.857	-10.0	104	0.00
54 T	1,2-Dibromoethane	0.370	0.409	-10.5	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.380	7.8	99	0.00
57 T	Chlorobenzene	0.740	0.680	8.1	100	0.00
58 T	Ethyl Benzene	1.096	1.173	-7.0	102	0.00
59 T	m/p-Xylene	0.982	0.983	-0.1	100	0.00
60 T	o-Xylene	0.936	0.944	-0.9	99	0.00
61 T	Styrene	0.386	0.467	-21.0	101	0.00
62	Isopropylbenzene	1.446	1.401	3.1	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.689	0.651	5.5	98	0.00
64	n-propylbenzene	0.378	0.378	0.0	99	0.00
65	tert-Butylbenzene	1.299	1.255	3.4	99	0.00
66 T	Benzyl Chloride	0.100	0.101	-1.0	93	0.00
67	sec-Butylbenzene	1.831	1.755	4.2	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.737	0.725	1.6	100	0.00
69	p-Isopropyltoluene	1.481	1.472	0.6	98	0.00
70	n-Butylbenzene	1.515	1.509	0.4	99	0.00
71	2-Chlorotoluene	1.045	1.058	-1.2	99	0.00
72 T	4-Ethyltoluene	1.088	1.145	-5.2	100	0.00
73 T	1,3,5-Trimethylbenzene	0.955	0.962	-0.7	98	0.00
74 T	1,2,4-Trimethylbenzene	1.109	1.067	3.8	98	0.00
75 T	1,3-Dichlorobenzene	0.687	0.655	4.7	98	0.00
76 T	1,4-Dichlorobenzene	0.663	0.635	4.2	97	0.00
77 T	1,2-Dichlorobenzene	0.681	0.632	7.2	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.538	0.420	21.9	97	0.00
79 T	Naphthalene	0.685	0.837	-22.2	99	0.00
80 T	Naphthalene,2-methyl-	0.149	0.177	-18.8	125	0.00
81 T	1,2,4-Trichlorobenzene	0.431	0.430	0.2	100	0.00

(#) = Out of Range

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