

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040098.D
 Acq On : 16 Jan 2023 15:01
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL011623

Quant Time: Jan 16 15:31:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 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	113	0.00
2 T	Dichlorodifluoromethane	1.753	1.560	11.0	114	0.00
3	Chlorodifluoromethane	1.199	1.076	10.3	109	0.00
4	Chloromethane	0.741	0.688	7.2	110	0.00
5 T	Vinyl Chloride	0.628	0.592	5.7	109	0.00
6 T	Bromomethane	0.229	0.198	13.5	103	0.00
7	Chloroethane	0.240	0.221	7.9	112	0.00
8 T	Dichlorotetrafluoroethane	1.637	1.411	13.8	102	0.00
9 T	Propene	0.498	0.476	4.4	115	0.00
10 T	Heptane	1.149	1.142	0.6	108	0.00
11 T	Trichlorofluoromethane	1.750	1.469	16.1	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.316	1.098	16.6	98	0.00
13	Ethanol	0.046	0.034#	26.1	107	0.00
14 T	Bromoethene	0.488	0.426	12.7	99	0.00
15 T	Acetone	1.199	1.028	14.3	105	0.00
16 T	1,3-Butadiene	0.559	0.534	4.5	111	0.00
17	tert-Butyl alcohol	1.117	1.035	7.3	101	0.00
18 T	1,1-Dichloroethene	0.572	0.493	13.8	101	0.00
19 T	Isopropyl Alcohol	0.587	0.474	19.3	95	0.00
20 T	Methylene Chloride	0.529	0.438	17.2	105	0.00
21 T	Allyl Chloride	0.770	0.755	1.9	110	0.00
22 T	trans-1,2-Dichloroethene	0.584	0.509	12.8	100	0.00
23 T	Vinyl Acetate	0.389	0.346	11.1	101	0.00
24 T	1,1-Dichloroethane	1.177	1.056	10.3	103	0.00
25 T	Ethyl Acetate	2.113	2.120	-0.3	116	0.00
26 T	Hexane	0.925	0.919	0.6	118	0.00
27 T	Carbon Disulfide	1.198	1.244	-3.8	103	0.00
28 T	Methyl tert-Butyl Ether	1.040	0.991	4.7	110	0.00
29 T	Chloroform	1.478	1.495	-1.2	120	0.00
30 T	Cyclohexane	0.735	0.759	-3.3	113	0.00
31 T	cis-1,2-Dichloroethene	0.895	0.817	8.7	105	0.00
32 T	1,1,1-Trichloroethane	1.503	1.473	2.0	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
34 T	2-Butanone	0.473	0.452	4.4	107	0.00
35 T	Carbon Tetrachloride	0.565	0.583	-3.2	102	0.00
36 T	Benzene	0.740	0.738	0.3	112	0.00
37 T	1,2-Dichloroethane	0.476	0.448	5.9	107	0.00
38 T	Trichloroethene	0.420	0.429	-2.1	110	0.00
39 T	1,2-Dichloropropane	0.289	0.285	1.4	111	0.00
40 T	1,4-Dioxane	0.115	0.106	7.8	101	0.00
41 T	Tetrahydrofuran	0.273	0.289	-5.9	117	0.00
42 T	Bromodichloromethane	0.642	0.635	1.1	103	0.00
43	Methyl Methacrylate	0.272	0.298	-9.6	110	0.00
44 T	2,2,4-Trimethylpentane	1.231	1.205	2.1	108	0.00
45 T	t-1,3-Dichloropropene	0.242	0.285	-17.8	108	0.00
46 T	cis-1,3-Dichloropropene	0.331	0.388	-17.2	110	0.00
47 T	1,1,2-Trichloroethane	0.305	0.299	2.0	107	0.00
48 T	Dibromochloromethane	0.490	0.507	-3.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.377	0.388	-2.9	96	0.00
50 T	4-Methyl-2-Pentanone	0.744	0.754	-1.3	107	0.00
51 T	2-Hexanone	0.564	0.597	-5.9	106	0.00
52 T	Tetrachloroethene	0.242	0.249	-2.9	110	0.01
53 T	Toluene	0.789	0.829	-5.1	109	0.00
54 T	1,2-Dibromoethane	0.319	0.343	-7.5	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	115	0.00
56	1,1,1,2-Tetrachloroethane	0.389	0.358	8.0	101	0.00
57 T	Chlorobenzene	0.682	0.618	9.4	104	0.00
58 T	Ethyl Benzene	1.116	1.103	1.2	105	0.00
59 T	m/p-Xylene	1.003	0.936	6.7	101	0.00
60 T	o-Xylene	0.952	0.890	6.5	100	0.00
61 T	Styrene	0.496	0.522	-5.2	103	0.00
62	Isopropylbenzene	1.370	1.241	9.4	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.346	0.288	16.8	96	0.00
64	n-propylbenzene	0.341	0.310	9.1	98	0.01
65	tert-Butylbenzene	1.173	1.056	10.0	97	0.00
66 T	Benzyl Chloride	0.080	0.071	11.3	82	0.00
67	sec-Butylbenzene	1.663	1.479	11.1	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.831	0.773	7.0	104	0.00
69	p-Isopropyltoluene	1.307	1.195	8.6	97	0.00
70	n-Butylbenzene	1.409	1.264	10.3	95	0.00
71	2-Chlorotoluene	1.054	0.952	9.7	98	0.00
72 T	4-Ethyltoluene	1.057	0.993	6.1	98	0.00
73 T	1,3,5-Trimethylbenzene	0.952	0.873	8.3	98	0.00
74 T	1,2,4-Trimethylbenzene	1.054	0.939	10.9	96	0.00
75 T	1,3-Dichlorobenzene	0.585	0.510	12.8	95	0.00
76 T	1,4-Dichlorobenzene	0.576	0.497	13.7	95	0.00
77 T	1,2-Dichlorobenzene	0.560	0.485	13.4	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.410	0.318	22.4	97	0.02
79 T	Naphthalene	0.604	0.760	-25.8	115	0.01
80 T	Naphthalene,2-methyl-	0.203	0.218	-7.4	109	0.00
81 T	1,2,4-Trichlorobenzene	0.372	0.384	-3.2	111	0.01

(#) = Out of Range

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