

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040286.D
 Acq On : 15 Mar 2023 16:20
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL031523

Quant Time: Mar 15 16:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 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	109	0.00
2 T	Dichlorodifluoromethane	1.962	1.770	9.8	149	0.00
3	Chlorodifluoromethane	1.257	1.101	12.4	107	0.00
4	Chloromethane	0.776	0.701	9.7	107	0.00
5 T	Vinyl Chloride	0.629	0.598	4.9	108	0.00
6 T	Bromomethane	0.218	0.194	11.0	104	0.00
7	Chloroethane	0.241	0.225	6.6	107	0.00
8 T	Dichlorotetrafluoroethane	1.679	1.466	12.7	105	0.00
9 T	Propene	0.482	0.483	-0.2	124	0.00
10 T	Heptane	1.159	1.131	2.4	106	0.00
11 T	Trichlorofluoromethane	1.778	1.474	17.1	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.335	1.107	17.1	96	0.00
13	Ethanol	0.035	0.026#	25.7	94	0.00
14 T	Bromoethene	0.498	0.459	7.8	102	0.00
15 T	Acetone	1.217	1.019	16.3	102	0.00
16 T	1,3-Butadiene	0.553	0.546	1.3	110	0.00
17	tert-Butyl alcohol	1.157	1.067	7.8	98	0.00
18 T	1,1-Dichloroethene	0.573	0.507	11.5	101	0.00
19 T	Isopropyl Alcohol	0.583	0.480	17.7	95	0.00
20 T	Methylene Chloride	0.512	0.419	18.2	101	0.00
21 T	Allyl Chloride	0.789	0.759	3.8	107	0.00
22 T	trans-1,2-Dichloroethene	0.583	0.527	9.6	100	0.00
23 T	Vinyl Acetate	0.339	0.351	-3.5	114	0.00
24 T	1,1-Dichloroethane	1.208	1.078	10.8	104	0.00
25 T	Ethyl Acetate	2.279	2.107	7.5	111	0.00
26 T	Hexane	0.936	0.912	2.6	116	0.00
27 T	Carbon Disulfide	1.307	1.283	1.8	102	0.00
28 T	Methyl tert-Butyl Ether	1.074	1.005	6.4	108	0.00
29 T	Chloroform	1.652	1.508	8.7	118	0.00
30 T	Cyclohexane	0.737	0.760	-3.1	108	0.00
31 T	cis-1,2-Dichloroethene	0.911	0.822	9.8	103	0.00
32 T	1,1,1-Trichloroethane	1.583	1.503	5.1	103	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.494	0.448	9.3	102	0.00
35 T	Carbon Tetrachloride	0.628	0.600	4.5	100	0.00
36 T	Benzene	0.762	0.737	3.3	108	0.00
37 T	1,2-Dichloroethane	0.496	0.447	9.9	102	0.00
38 T	Trichloroethene	0.416	0.427	-2.6	101	0.00
39 T	1,2-Dichloropropane	0.299	0.277	7.4	104	0.00
40 T	1,4-Dioxane	0.118	0.104	11.9	94	0.00
41 T	Tetrahydrofuran	0.285	0.280	1.8	108	0.00
42 T	Bromodichloromethane	0.678	0.632	6.8	101	0.00
43	Methyl Methacrylate	0.283	0.285	-0.7	103	0.00
44 T	2,2,4-Trimethylpentane	1.271	1.214	4.5	106	0.00
45 T	t-1,3-Dichloropropene	0.247	0.267	-8.1	99	0.00
46 T	cis-1,3-Dichloropropene	0.351	0.375	-6.8	104	0.00
47 T	1,1,2-Trichloroethane	0.319	0.290	9.1	101	0.00
48 T	Dibromochloromethane	0.525	0.490	6.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.394	0.360	8.6	91	0.00
50 T	4-Methyl-2-Pentanone	0.764	0.728	4.7	102	0.00
51 T	2-Hexanone	0.592	0.557	5.9	98	0.00
52 T	Tetrachloroethene	0.231	0.233	-0.9	100	0.00
53 T	Toluene	0.799	0.806	-0.9	103	0.00
54 T	1,2-Dibromoethane	0.328	0.316	3.7	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
56	1,1,1,2-Tetrachloroethane	0.421	0.354	15.9	97	0.00
57 T	Chlorobenzene	0.711	0.603	15.2	98	0.00
58 T	Ethyl Benzene	1.139	1.073	5.8	99	0.00
59 T	m/p-Xylene	1.043	0.914	12.4	96	0.00
60 T	o-Xylene	0.997	0.864	13.3	94	0.00
61 T	Styrene	0.506	0.498	1.6	96	0.00
62	Isopropylbenzene	1.420	1.220	14.1	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.351	0.274	21.9	96	0.00
64	n-propylbenzene	0.347	0.307	11.5	96	0.00
65	tert-Butylbenzene	1.224	1.079	11.8	98	0.00
66 T	Benzyl Chloride	0.080	0.073	8.8	98	0.00
67	sec-Butylbenzene	1.750	1.545	11.7	99	0.00
68 S	1-Bromo-4-Fluorobenzene	0.837	0.802	4.2	102	0.00
69	p-Isopropyltoluene	1.363	1.266	7.1	102	0.00
70	n-Butylbenzene	1.501	1.411	6.0	104	0.00
71	2-Chlorotoluene	1.081	0.945	12.6	96	0.00
72 T	4-Ethyltoluene	1.090	0.998	8.4	97	0.00
73 T	1,3,5-Trimethylbenzene	0.988	0.887	10.2	98	0.00
74 T	1,2,4-Trimethylbenzene	1.126	0.984	12.6	99	0.00
75 T	1,3-Dichlorobenzene	0.610	0.547	10.3	103	0.00
76 T	1,4-Dichlorobenzene	0.582	0.537	7.7	103	0.00
77 T	1,2-Dichlorobenzene	0.586	0.543	7.3	108	0.00
78 T	Hexachloro-1,3-Butadiene	0.430	0.379	11.9	105	0.00
79 T	Naphthalene	0.666	0.792	-18.9	103	0.00
80 T	Naphthalene,2-methyl-	0.169	0.164	3.0	75	0.00
81 T	1,2,4-Trichlorobenzene	0.410	0.408	0.5	101	0.00

(#) = Out of Range

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