

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040591.D
 Acq On : 7 Aug 2023 9:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 08 01:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 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	106	0.00
2 T	Dichlorodifluoromethane	2.000	1.992	0.4	115	0.00
3	Chlorodifluoromethane	1.585	1.448	8.6	104	0.00
4	Chloromethane	0.628	0.552	12.1	98	0.00
5 T	Vinyl Chloride	0.659	0.612	7.1	107	0.00
6 T	Bromomethane	0.278	0.261	6.1	108	0.00
7	Chloroethane	0.231	0.221	4.3	108	0.00
8 T	Dichlorotetrafluoroethane	1.646	1.583	3.8	110	0.00
9 T	Propene	0.543	0.426	21.5	88	0.00
10 T	Heptane	1.198	1.127	5.9	96	0.00
11 T	Trichlorofluoromethane	1.614	1.686	-4.5	122	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.188	-4.5	120	0.00
13	Ethanol	0.118	0.093	21.2	99	0.00
14 T	Bromoethene	0.489	0.506	-3.5	116	0.00
15 T	Acetone	1.151	1.102	4.3	113	0.00
16 T	1,3-Butadiene	0.581	0.558	4.0	103	0.00
17	tert-Butyl alcohol	1.191	1.143	4.0	104	0.00
18 T	1,1-Dichloroethene	0.523	0.534	-2.1	116	0.00
19 T	Isopropyl Alcohol	0.661	0.644	2.6	103	0.00
20 T	Methylene Chloride	0.490	0.471	3.9	122	0.00
21 T	Allyl Chloride	0.657	0.619	5.8	103	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.533	-3.3	111	0.00
23 T	Vinyl Acetate	1.097	1.172	-6.8	109	0.00
24 T	1,1-Dichloroethane	1.113	1.099	1.3	112	0.00
25 T	Ethyl Acetate	2.191	2.015	8.0	99	0.00
26 T	Hexane	1.018	0.891	12.5	96	0.00
27 T	Carbon Disulfide	1.198	1.344	-12.2	113	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.772	5.9	103	0.00
29 T	Chloroform	1.689	1.585	6.2	106	0.00
30 T	Cyclohexane	0.847	0.738	12.9	93	0.00
31 T	cis-1,2-Dichloroethene	1.006	0.908	9.7	94	0.00
32 T	1,1,1-Trichloroethane	1.652	1.620	1.9	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.494	0.484	2.0	95	0.00
35 T	Carbon Tetrachloride	0.602	0.677	-12.5	109	0.00
36 T	Benzene	0.805	0.748	7.1	91	0.00
37 T	1,2-Dichloroethane	0.473	0.488	-3.2	108	0.00
38 T	Trichloroethene	0.304	0.302	0.7	94	-0.01
39 T	1,2-Dichloropropane	0.310	0.292	5.8	93	0.00
40 T	1,4-Dioxane	0.097	0.100	-3.1	102	-0.01
41 T	Tetrahydrofuran	0.288	0.272	5.6	90	0.00
42 T	Bromodichloromethane	0.658	0.707	-7.4	106	0.00
43	Methyl Methacrylate	0.301	0.311	-3.3	94	0.00
44 T	2,2,4-Trimethylpentane	1.295	1.265	2.3	96	0.00
45 T	t-1,3-Dichloropropene	0.193	0.209	-8.3	89	0.00
46 T	cis-1,3-Dichloropropene	0.248	0.254	-2.4	89	0.00
47 T	1,1,2-Trichloroethane	0.342	0.329	3.8	96	0.00
48 T	Dibromochloromethane	0.528	0.573	-8.5	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.474	-13.1	100	0.00
50 T	4-Methyl-2-Pentanone	0.718	0.762	-6.1	99	0.00
51 T	2-Hexanone	0.508	0.541	-6.5	92	0.00
52 T	Tetrachloroethene	0.261	0.263	-0.8	90	0.00
53 T	Toluene	0.874	0.869	0.6	91	0.00
54 T	1,2-Dibromoethane	0.425	0.430	-1.2	92	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.448	0.451	-0.7	102	0.00
57 T	Chlorobenzene	0.780	0.729	6.5	94	0.00
58 T	Ethyl Benzene	1.255	1.277	-1.8	95	0.00
59 T	m/p-Xylene	1.120	1.133	-1.2	99	0.00
60 T	o-Xylene	1.067	1.101	-3.2	101	0.00
61 T	Styrene	0.492	0.526	-6.9	89	0.00
62	Isopropylbenzene	1.599	1.587	0.8	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.747	0.794	-6.3	105	0.00
64	n-propylbenzene	0.414	0.414	0.0	95	-0.01
65	tert-Butylbenzene	1.416	1.411	0.4	98	0.00
66 T	Benzyl Chloride	0.100	0.119	-19.0	105	0.00
67	sec-Butylbenzene	2.080	2.033	2.3	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.791	0.863	-9.1	108	0.00
69	p-Isopropyltoluene	1.719	1.653	3.8	94	0.00
70	n-Butylbenzene	1.917	1.846	3.7	96	0.00
71	2-Chlorotoluene	1.233	1.251	-1.5	99	0.00
72 T	4-Ethyltoluene	1.251	1.291	-3.2	97	0.00
73 T	1,3,5-Trimethylbenzene	1.103	1.116	-1.2	96	0.00
74 T	1,2,4-Trimethylbenzene	1.285	1.270	1.2	99	0.00
75 T	1,3-Dichlorobenzene	0.779	0.729	6.4	94	0.00
76 T	1,4-Dichlorobenzene	0.764	0.714	6.5	92	0.00
77 T	1,2-Dichlorobenzene	0.745	0.696	6.6	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.700	0.500	28.6	76	-0.01
79 T	Naphthalene	1.088	1.009	7.3	74	0.00
80 T	Naphthalene,2-methyl-	0.448	0.278	37.9#	45	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.593	20.8	75	0.00

(#) = Out of Range

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