

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040462.D
 Acq On : 5 Jun 2023 20:27
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL060523

Quant Time: Jun 06 06:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 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	101	0.00
2 T	Dichlorodifluoromethane	2.176	1.983	8.9	101	0.00
3	Chlorodifluoromethane	1.638	1.567	4.3	106	0.00
4	Chloromethane	0.634	0.612	3.5	105	0.00
5 T	Vinyl Chloride	0.633	0.677	-7.0	108	0.00
6 T	Bromomethane	0.328	0.314	4.3	101	0.00
7	Chloroethane	0.236	0.228	3.4	104	0.00
8 T	Dichlorotetrafluoroethane	1.719	1.611	6.3	101	0.00
9 T	Propene	0.505	0.493	2.4	109	0.00
10 T	Heptane	1.143	1.256	-9.9	106	0.00
11 T	Trichlorofluoromethane	1.772	1.631	8.0	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.238	1.189	4.0	100	0.00
13	Ethanol	0.105	0.110	-4.8	109	0.00
14 T	Bromoethene	0.518	0.482	6.9	96	0.00
15 T	Acetone	1.206	1.074	10.9	103	0.00
16 T	1,3-Butadiene	0.587	0.592	-0.9	105	0.00
17	tert-Butyl alcohol	0.992	1.038	-4.6	111	0.00
18 T	1,1-Dichloroethene	0.552	0.546	1.1	101	0.00
19 T	Isopropyl Alcohol	0.581	0.601	-3.4	107	0.00
20 T	Methylene Chloride	0.515	0.476	7.6	109	0.00
21 T	Allyl Chloride	0.681	0.710	-4.3	107	0.00
22 T	trans-1,2-Dichloroethene	0.566	0.573	-1.2	101	0.00
23 T	Vinyl Acetate	1.178	1.288	-9.3	108	0.00
24 T	1,1-Dichloroethane	1.182	1.148	2.9	103	0.00
25 T	Ethyl Acetate	2.186	2.195	-0.4	106	0.00
26 T	Hexane	1.035	1.046	-1.1	112	0.00
27 T	Carbon Disulfide	1.294	1.406	-8.7	103	0.00
28 T	Methyl tert-Butyl Ether	0.797	0.847	-6.3	108	0.00
29 T	Chloroform	1.763	1.704	3.3	103	0.00
30 T	Cyclohexane	0.834	0.863	-3.5	110	0.00
31 T	cis-1,2-Dichloroethene	0.990	1.039	-4.9	106	0.00
32 T	1,1,1-Trichloroethane	1.740	1.734	0.3	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.482	0.444	7.9	99	0.00
35 T	Carbon Tetrachloride	0.681	0.691	-1.5	101	0.00
36 T	Benzene	0.795	0.846	-6.4	110	0.00
37 T	1,2-Dichloroethane	0.518	0.507	2.1	102	0.00
38 T	Trichloroethene	0.301	0.338	-12.3	107	0.00
39 T	1,2-Dichloropropane	0.307	0.315	-2.6	107	0.00
40 T	1,4-Dioxane	0.087	0.087	0.0	106	0.00
41 T	Tetrahydrofuran	0.264	0.293	-11.0	113	0.00
42 T	Bromodichloromethane	0.714	0.725	-1.5	102	0.00
43	Methyl Methacrylate	0.286	0.330	-15.4	107	0.00
44 T	2,2,4-Trimethylpentane	1.300	1.351	-3.9	107	0.00
45 T	t-1,3-Dichloropropene	0.211	0.266	-26.1	110	0.00
46 T	cis-1,3-Dichloropropene	0.257	0.305	-18.7	108	0.00
47 T	1,1,2-Trichloroethane	0.337	0.346	-2.7	107	0.00
48 T	Dibromochloromethane	0.539	0.577	-7.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.408	0.439	-7.6	100	0.00
50 T	4-Methyl-2-Pentanone	0.646	0.697	-7.9	104	0.00
51 T	2-Hexanone	0.448	0.501	-11.8	105	0.00
52 T	Tetrachloroethene	0.250	0.286	-14.4	107	0.00
53 T	Toluene	0.838	0.945	-12.8	107	0.00
54 T	1,2-Dibromoethane	0.442	0.506	-14.5	105	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.470	0.440	6.4	101	0.00
57 T	Chlorobenzene	0.756	0.736	2.6	104	0.00
58 T	Ethyl Benzene	1.212	1.306	-7.8	104	0.00
59 T	m/p-Xylene	1.114	1.126	-1.1	102	0.00
60 T	o-Xylene	1.056	1.082	-2.5	102	0.00
61 T	Styrene	0.455	0.552	-21.3	105	0.00
62	Isopropylbenzene	1.570	1.557	0.8	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.684	0.663	3.1	101	0.00
64	n-propylbenzene	0.399	0.401	-0.5	100	0.00
65	tert-Butylbenzene	1.347	1.335	0.9	101	0.00
66 T	Benzyl Chloride	0.104	0.109	-4.8	103	0.00
67	sec-Butylbenzene	1.964	1.923	2.1	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.825	0.759	8.0	94	0.00
69	p-Isopropyltoluene	1.561	1.577	-1.0	101	0.00
70	n-Butylbenzene	1.742	1.743	-0.1	100	0.00
71	2-Chlorotoluene	1.166	1.216	-4.3	102	0.00
72 T	4-Ethyltoluene	1.190	1.260	-5.9	101	0.00
73 T	1,3,5-Trimethylbenzene	1.051	1.087	-3.4	101	0.00
74 T	1,2,4-Trimethylbenzene	1.237	1.209	2.3	100	0.00
75 T	1,3-Dichlorobenzene	0.694	0.685	1.3	102	0.00
76 T	1,4-Dichlorobenzene	0.675	0.670	0.7	101	0.00
77 T	1,2-Dichlorobenzene	0.655	0.631	3.7	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.506	0.450	11.1	100	0.00
79 T	Naphthalene	0.712	0.924	-29.8	103	0.00
80 T	Naphthalene,2-methyl-	0.214	0.323	-50.9#	113	0.00
81 T	1,2,4-Trichlorobenzene	0.441	0.524	-18.8	103	0.00

(#) = Out of Range

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