

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040513.D
 Acq On : 10 Jul 2023 17:24
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL071023

Quant Time: Jul 10 18:46:12 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	96	0.00
2 T	Dichlorodifluoromethane	2.000	1.936	3.2	102	0.00
3	Chlorodifluoromethane	1.585	1.466	7.5	96	0.00
4	Chloromethane	0.628	0.575	8.4	93	0.00
5 T	Vinyl Chloride	0.659	0.626	5.0	99	0.00
6 T	Bromomethane	0.278	0.272	2.2	102	0.00
7	Chloroethane	0.231	0.229	0.9	101	0.00
8 T	Dichlorotetrafluoroethane	1.646	1.519	7.7	96	0.00
9 T	Propene	0.543	0.479	11.8	90	0.00
10 T	Heptane	1.198	1.173	2.1	91	0.00
11 T	Trichlorofluoromethane	1.614	1.552	3.8	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.137	1.088	4.3	100	0.00
13	Ethanol	0.118	0.098	16.9	94	0.00
14 T	Bromoethene	0.489	0.492	-0.6	102	0.00
15 T	Acetone	1.151	1.041	9.6	97	0.00
16 T	1,3-Butadiene	0.581	0.568	2.2	95	0.00
17	tert-Butyl alcohol	1.191	1.154	3.1	95	0.00
18 T	1,1-Dichloroethene	0.523	0.505	3.4	99	0.00
19 T	Isopropyl Alcohol	0.661	0.644	2.6	94	0.00
20 T	Methylene Chloride	0.490	0.433	11.6	102	0.00
21 T	Allyl Chloride	0.657	0.620	5.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.516	0.520	-0.8	99	0.00
23 T	Vinyl Acetate	1.097	1.191	-8.6	101	0.00
24 T	1,1-Dichloroethane	1.113	1.054	5.3	98	0.00
25 T	Ethyl Acetate	2.191	2.109	3.7	94	0.00
26 T	Hexane	1.018	0.947	7.0	92	0.00
27 T	Carbon Disulfide	1.198	1.257	-4.9	96	0.00
28 T	Methyl tert-Butyl Ether	0.820	0.788	3.9	95	0.00
29 T	Chloroform	1.689	1.628	3.6	98	0.00
30 T	Cyclohexane	0.847	0.819	3.3	94	0.00
31 T	cis-1,2-Dichloroethene	1.006	1.000	0.6	94	0.00
32 T	1,1,1-Trichloroethane	1.652	1.632	1.2	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.494	0.501	-1.4	94	0.00
35 T	Carbon Tetrachloride	0.602	0.647	-7.5	100	0.00
36 T	Benzene	0.805	0.786	2.4	91	0.00
37 T	1,2-Dichloroethane	0.473	0.479	-1.3	101	0.00
38 T	Trichloroethene	0.304	0.316	-3.9	93	0.00
39 T	1,2-Dichloropropane	0.310	0.303	2.3	91	0.00
40 T	1,4-Dioxane	0.097	0.094	3.1	92	0.00
41 T	Tetrahydrofuran	0.288	0.289	-0.3	91	0.00
42 T	Bromodichloromethane	0.658	0.678	-3.0	97	0.00
43	Methyl Methacrylate	0.301	0.318	-5.6	91	0.00
44 T	2,2,4-Trimethylpentane	1.295	1.260	2.7	91	0.00
45 T	t-1,3-Dichloropropene	0.193	0.233	-20.7	95	0.00
46 T	cis-1,3-Dichloropropene	0.248	0.279	-12.5	93	0.00
47 T	1,1,2-Trichloroethane	0.342	0.333	2.6	93	0.00
48 T	Dibromochloromethane	0.528	0.568	-7.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.419	0.467	-11.5	93	0.00
50 T	4-Methyl-2-Pentanone	0.718	0.748	-4.2	93	0.00
51 T	2-Hexanone	0.508	0.560	-10.2	91	0.00
52 T	Tetrachloroethene	0.261	0.275	-5.4	89	0.00
53 T	Toluene	0.874	0.905	-3.5	90	0.00
54 T	1,2-Dibromoethane	0.425	0.457	-7.5	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.448	0.429	4.2	94	0.00
57 T	Chlorobenzene	0.780	0.717	8.1	90	0.00
58 T	Ethyl Benzene	1.255	1.265	-0.8	91	0.00
59 T	m/p-Xylene	1.120	1.089	2.8	93	0.00
60 T	o-Xylene	1.067	1.046	2.0	94	0.00
61 T	Styrene	0.492	0.538	-9.3	89	0.00
62	Isopropylbenzene	1.599	1.537	3.9	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.747	0.736	1.5	95	0.00
64	n-propylbenzene	0.414	0.399	3.6	90	0.00
65	tert-Butylbenzene	1.416	1.359	4.0	92	0.00
66 T	Benzyl Chloride	0.100	0.106	-6.0	91	0.00
67	sec-Butylbenzene	2.080	1.974	5.1	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.791	0.766	3.2	94	0.00
69	p-Isopropyltoluene	1.719	1.648	4.1	91	0.00
70	n-Butylbenzene	1.917	1.856	3.2	94	0.00
71	2-Chlorotoluene	1.233	1.211	1.8	93	0.00
72 T	4-Ethyltoluene	1.251	1.262	-0.9	92	0.00
73 T	1,3,5-Trimethylbenzene	1.103	1.102	0.1	93	0.00
74 T	1,2,4-Trimethylbenzene	1.285	1.237	3.7	94	0.00
75 T	1,3-Dichlorobenzene	0.779	0.725	6.9	91	0.00
76 T	1,4-Dichlorobenzene	0.764	0.721	5.6	91	0.00
77 T	1,2-Dichlorobenzene	0.745	0.701	5.9	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.700	0.607	13.3	90	0.00
79 T	Naphthalene	1.088	1.274	-17.1	91	0.00
80 T	Naphthalene,2-methyl-	0.448	0.563	-25.7	88	0.00
81 T	1,2,4-Trichlorobenzene	0.749	0.744	0.7	91	0.00

(#) = Out of Range

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