

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040964.D
 Acq On : 15 Jan 2024 10:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 16 03:32:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 16 03:31:29 2024
 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	76	-0.02
2 T	Dichlorodifluoromethane	1.905	1.771	7.0	79	-0.05
3	Chlorodifluoromethane	1.505	1.723	-14.5	97	-0.05
4	Chloromethane	0.555	0.659	-18.7	101	-0.05
5 T	Vinyl Chloride	0.536	0.678	-26.5	102	-0.05
6 T	Bromomethane	0.238	0.286	-20.2	97	-0.04
7	Chloroethane	0.191	0.235	-23.0	102	-0.04
8 T	Dichlorotetrafluoroethane	1.372	1.637	-19.3	100	-0.05
9 T	Propene	0.497	0.590	-18.7	96	-0.05
10 T	Heptane	1.234	1.468	-19.0	96	0.00
11 T	Trichlorofluoromethane	1.489	1.832	-23.0	102	-0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.156	1.323	-14.4	101	-0.03
13	Ethanol	0.125	0.133	-6.4	99	-0.04
14 T	Bromoethene	0.424	0.537	-26.7	103	-0.04
15 T	Acetone	1.199	1.244	-3.8	99	-0.04
16 T	1,3-Butadiene	0.516	0.628	-21.7	97	-0.05
17	tert-Butyl alcohol	0.887	1.278	-44.1#	116	-0.03
18 T	1,1-Dichloroethene	0.477	0.578	-21.2	103	-0.03
19 T	Isopropyl Alcohol	0.626	0.836	-33.5#	112	-0.04
20 T	Methylene Chloride	0.428	0.482	-12.6	101	-0.03
21 T	Allyl Chloride	0.709	0.864	-21.9	99	-0.03
22 T	trans-1,2-Dichloroethene	0.544	0.613	-12.7	85	-0.02
23 T	Vinyl Acetate	1.323	1.503	-13.6	82	-0.03
24 T	1,1-Dichloroethane	1.184	1.218	-2.9	82	-0.03
25 T	Ethyl Acetate	2.078	2.173	-4.6	83	-0.02
26 T	Hexane	0.921	0.943	-2.4	84	-0.02
27 T	Carbon Disulfide	1.246	1.473	-18.2	102	-0.03
28 T	Methyl tert-Butyl Ether	0.855	0.898	-5.0	82	-0.03
29 T	Chloroform	1.554	1.438	7.5	76	-0.02
30 T	Cyclohexane	0.768	0.909	-18.4	94	0.00
31 T	cis-1,2-Dichloroethene	0.946	0.941	0.5	79	-0.02
32 T	1,1,1-Trichloroethane	1.503	1.811	-20.5	97	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.529	0.472	10.8	81	-0.02
35 T	Carbon Tetrachloride	0.626	0.665	-6.2	95	0.00
36 T	Benzene	0.782	0.807	-3.2	96	0.00
37 T	1,2-Dichloroethane	0.468	0.483	-3.2	95	-0.01
38 T	Trichloroethene	0.294	0.312	-6.1	99	0.00
39 T	1,2-Dichloropropane	0.307	0.317	-3.3	97	0.00
40 T	1,4-Dioxane	0.130	0.129	0.8	99	0.00
41 T	Tetrahydrofuran	0.322	0.332	-3.1	95	-0.01
42 T	Bromodichloromethane	0.676	0.704	-4.1	96	0.00
43	Methyl Methacrylate	0.307	0.332	-8.1	95	0.00
44 T	2,2,4-Trimethylpentane	1.328	1.322	0.5	96	0.00
45 T	t-1,3-Dichloropropene	0.227	0.286	-26.0	100	0.00
46 T	cis-1,3-Dichloropropene	0.282	0.335	-18.8	102	0.00
47 T	1,1,2-Trichloroethane	0.326	0.338	-3.7	98	0.00
48 T	Dibromochloromethane	0.556	0.597	-7.4	96	0.00

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49 T	Bromoform	0.429	0.481	-12.1	97	0.00
50 T	4-Methyl-2-Pentanone	0.801	0.841	-5.0	96	0.00
51 T	2-Hexanone	0.577	0.622	-7.8	94	0.00
52 T	Tetrachloroethene	0.263	0.270	-2.7	94	0.00
53 T	Toluene	0.867	0.912	-5.2	96	0.00
54 T	1,2-Dibromoethane	0.447	0.494	-10.5	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.437	0.0	96	0.00
57 T	Chlorobenzene	0.736	0.728	1.1	97	0.00
58 T	Ethyl Benzene	1.284	1.269	1.2	95	0.00
59 T	m/p-Xylene	1.093	1.079	1.3	96	0.01
60 T	o-Xylene	1.029	1.020	0.9	96	0.00
61 T	Styrene	0.489	0.534	-9.2	95	0.01
62	Isopropylbenzene	1.527	1.498	1.9	96	0.01
63 T	1,1,2,2-Tetrachloroethane	0.742	0.753	-1.5	98	0.00
64	n-propylbenzene	0.383	0.388	-1.3	96	0.01
65	tert-Butylbenzene	1.298	1.318	-1.5	97	0.01
66 T	Benzyl Chloride	0.089	0.114	-28.1	99	0.00
67	sec-Butylbenzene	1.886	1.851	1.9	97	0.01
68 S	1-Bromo-4-Fluorobenzene	0.737	0.711	3.5	87	0.02
69	p-Isopropyltoluene	1.466	1.510	-3.0	97	0.00
70	n-Butylbenzene	1.522	1.606	-5.5	99	0.01
71	2-Chlorotoluene	1.176	1.166	0.9	96	0.01
72 T	4-Ethyltoluene	1.130	1.191	-5.4	97	0.01
73 T	1,3,5-Trimethylbenzene	0.975	1.015	-4.1	96	0.01
74 T	1,2,4-Trimethylbenzene	1.085	1.115	-2.8	96	0.01
75 T	1,3-Dichlorobenzene	0.620	0.648	-4.5	98	0.00
76 T	1,4-Dichlorobenzene	0.606	0.636	-5.0	99	0.01
77 T	1,2-Dichlorobenzene	0.597	0.620	-3.9	98	0.01
78 T	Hexachloro-1,3-Butadiene	0.367	0.346	5.7	101	0.02
79 T	Naphthalene	0.523	0.804	-53.7#	112	0.02
80 T	Naphthalene,2-methyl-	0.096	0.170	-77.1#	149	0.00
81 T	1,2,4-Trichlorobenzene	0.300	0.404	-34.7#	109	0.01

(#) = Out of Range

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