

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041599.D
 Acq On : 16 Sep 2024 18:46
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL091624

Quant Time: Sep 17 09:18:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 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	105	0.00
2 T	Dichlorodifluoromethane	1.444	1.275	11.7	102	0.01
3	Chlorodifluoromethane	1.213	1.093	9.9	104	0.02
4	Chloromethane	0.667	0.598	10.3	103	0.02
5 T	Vinyl Chloride	0.578	0.584	-1.0	105	0.02
6 T	Bromomethane	0.287	0.263	8.4	101	0.01
7	Chloroethane	0.225	0.208	7.6	102	0.02
8 T	Dichlorotetrafluoroethane	1.515	1.354	10.6	100	0.01
9 T	Propene	0.512	0.529	-3.3	108	0.02
10 T	Heptane	1.198	1.248	-4.2	103	0.00
11 T	Trichlorofluoromethane	1.537	1.364	11.3	100	0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.113	0.988	11.2	100	0.01
13	Ethanol	0.038	0.019#	50.0#	82	0.02
14 T	Bromoethene	0.422	0.411	2.6	102	0.01
15 T	Acetone	1.255	1.020	18.7	104	0.01
16 T	1,3-Butadiene	0.611	0.585	4.3	106	0.01
17	tert-Butyl alcohol	1.104	1.104	0.0	106	0.01
18 T	1,1-Dichloroethene	0.471	0.439	6.8	97	0.00
19 T	Isopropyl Alcohol	0.643	0.560	12.9	94	0.00
20 T	Methylene Chloride	0.472	0.369	21.8	100	0.00
21 T	Allyl Chloride	0.728	0.718	1.4	103	0.00
22 T	trans-1,2-Dichloroethene	0.470	0.449	4.5	103	0.01
23 T	Vinyl Acetate	0.691	0.726	-5.1	111	0.00
24 T	1,1-Dichloroethane	1.036	0.954	7.9	101	0.00
25 T	Ethyl Acetate	2.254	2.275	-0.9	105	0.00
26 T	Hexane	0.940	0.932	0.9	106	0.00
27 T	Carbon Disulfide	0.999	1.074	-7.5	102	0.01
28 T	Methyl tert-Butyl Ether	0.579	0.585	-1.0	110	0.00
29 T	Chloroform	1.538	1.397	9.2	101	0.00
30 T	Cyclohexane	0.725	0.776	-7.0	104	0.00
31 T	cis-1,2-Dichloroethene	0.892	0.916	-2.7	107	0.00
32 T	1,1,1-Trichloroethane	1.370	1.380	-0.7	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
34 T	2-Butanone	0.477	0.482	-1.0	106	0.00
35 T	Carbon Tetrachloride	0.491	0.523	-6.5	100	0.00
36 T	Benzene	0.694	0.719	-3.6	104	0.00
37 T	1,2-Dichloroethane	0.403	0.394	2.2	102	0.00
38 T	Trichloroethene	0.358	0.369	-3.1	101	0.00
39 T	1,2-Dichloropropane	0.283	0.279	1.4	105	0.00
40 T	1,4-Dioxane	0.107	0.081	24.3	74	0.00
41 T	Tetrahydrofuran	0.262	0.302	-15.3	108	0.00
42 T	Bromodichloromethane	0.561	0.560	0.2	101	0.00
43	Methyl Methacrylate	0.249	0.288	-15.7	106	0.00
44 T	2,2,4-Trimethylpentane	1.202	1.191	0.9	102	0.00
45 T	t-1,3-Dichloropropene	0.200	0.258	-29.0	109	0.00
46 T	cis-1,3-Dichloropropene	0.294	0.357	-21.4	105	0.00
47 T	1,1,2-Trichloroethane	0.300	0.292	2.7	101	0.00
48 T	Dibromochloromethane	0.455	0.482	-5.9	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.390	0.423	-8.5	101	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.791	-7.5	104	0.00
51 T	2-Hexanone	0.557	0.637	-14.4	105	0.00
52 T	Tetrachloroethene	0.251	0.265	-5.6	103	0.00
53 T	Toluene	0.737	0.827	-12.2	103	0.00
54 T	1,2-Dibromoethane	0.369	0.403	-9.2	103	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.390	0.365	6.4	99	0.00
57 T	Chlorobenzene	0.721	0.668	7.4	100	0.00
58 T	Ethyl Benzene	1.070	1.150	-7.5	101	0.00
59 T	m/p-Xylene	0.953	0.968	-1.6	100	0.00
60 T	o-Xylene	0.913	0.930	-1.9	100	0.00
61 T	Styrene	0.382	0.462	-20.9	102	0.00
62	Isopropylbenzene	1.384	1.352	2.3	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.467	0.439	6.0	99	0.00
64	n-propylbenzene	0.357	0.362	-1.4	100	0.00
65	tert-Butylbenzene	1.269	1.209	4.7	99	0.00
66 T	Benzyl Chloride	0.066	0.067	-1.5	103	0.00
67	sec-Butylbenzene	1.760	1.692	3.9	98	0.00
68 S	1-Bromo-4-Fluorobenzene	0.736	0.730	0.8	101	0.00
69	p-Isopropyltoluene	1.425	1.423	0.1	99	0.00
70	n-Butylbenzene	1.492	1.454	2.5	99	0.00
71	2-Chlorotoluene	1.018	1.020	-0.2	100	0.00
72 T	4-Ethyltoluene	1.068	1.115	-4.4	100	0.00
73 T	1,3,5-Trimethylbenzene	0.943	0.953	-1.1	99	0.00
74 T	1,2,4-Trimethylbenzene	1.104	1.050	4.9	99	0.00
75 T	1,3-Dichlorobenzene	0.692	0.656	5.2	99	0.00
76 T	1,4-Dichlorobenzene	0.663	0.641	3.3	100	0.00
77 T	1,2-Dichlorobenzene	0.683	0.632	7.5	99	0.00
78 T	Hexachloro-1,3-Butadiene	0.563	0.477	15.3	100	0.00
79 T	Naphthalene	0.812	1.013	-24.8	101	0.00
80 T	Naphthalene,2-methyl-	0.569	0.774	-36.0#	106	0.00
81 T	1,2,4-Trichlorobenzene	0.516	0.529	-2.5	100	0.00

(#) = Out of Range

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